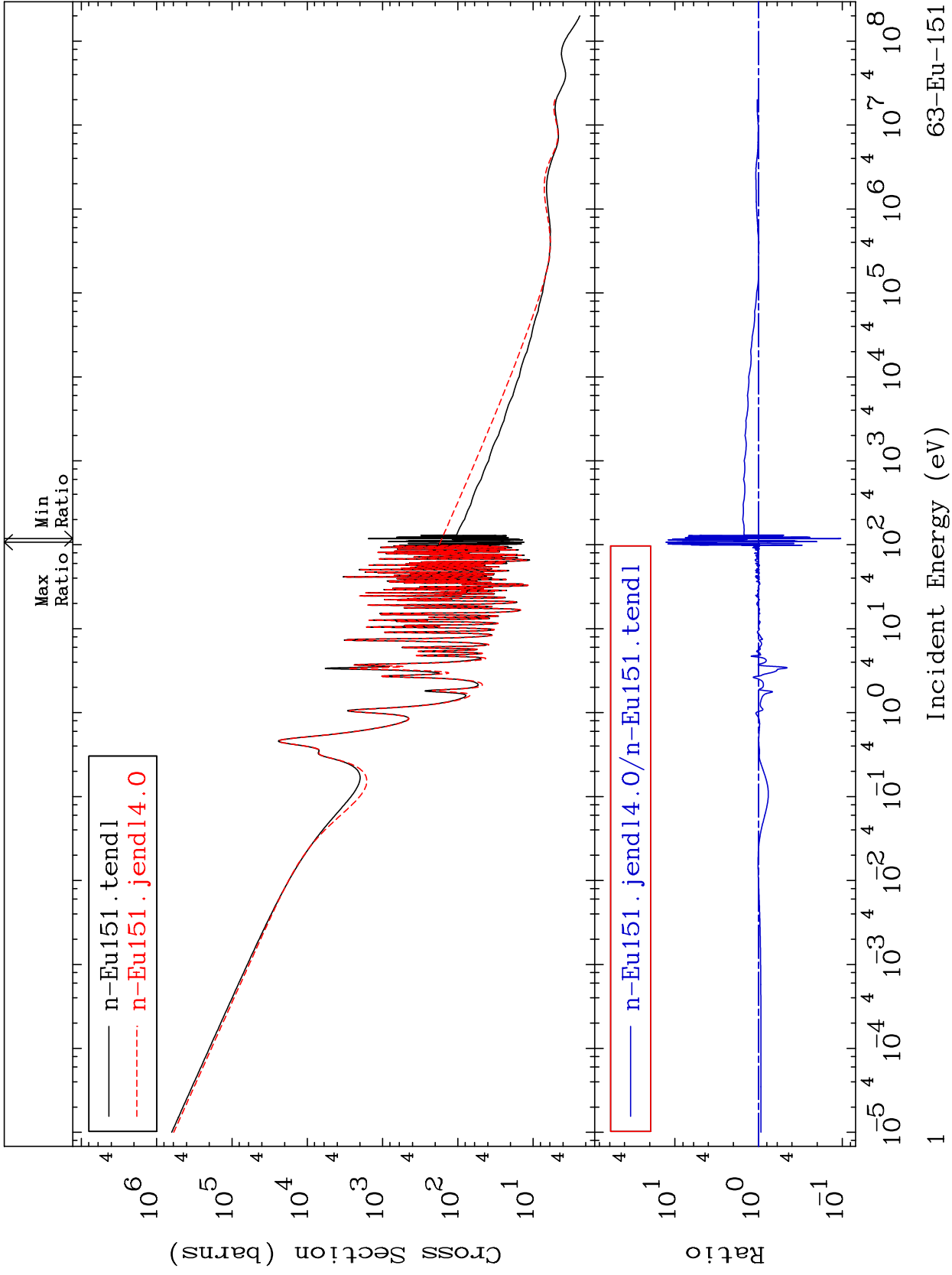


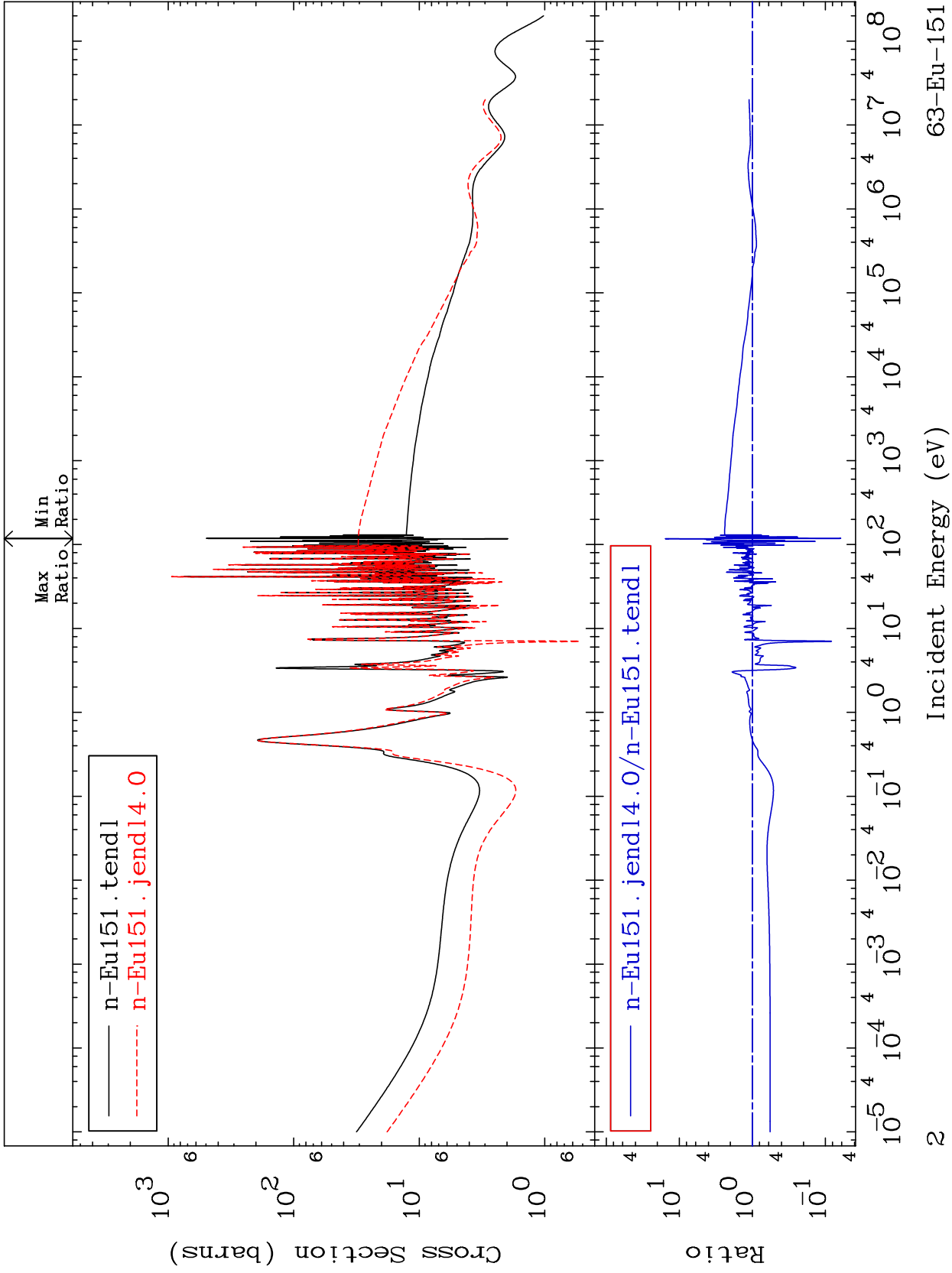
MAT 6325

Total Cross Section  
63-Eu-151  
-89.52 To 1196. %



MAT 6325

Elastic Cross Section  
63-Eu-151  
-93.82 To 1448. %



63-Eu-151

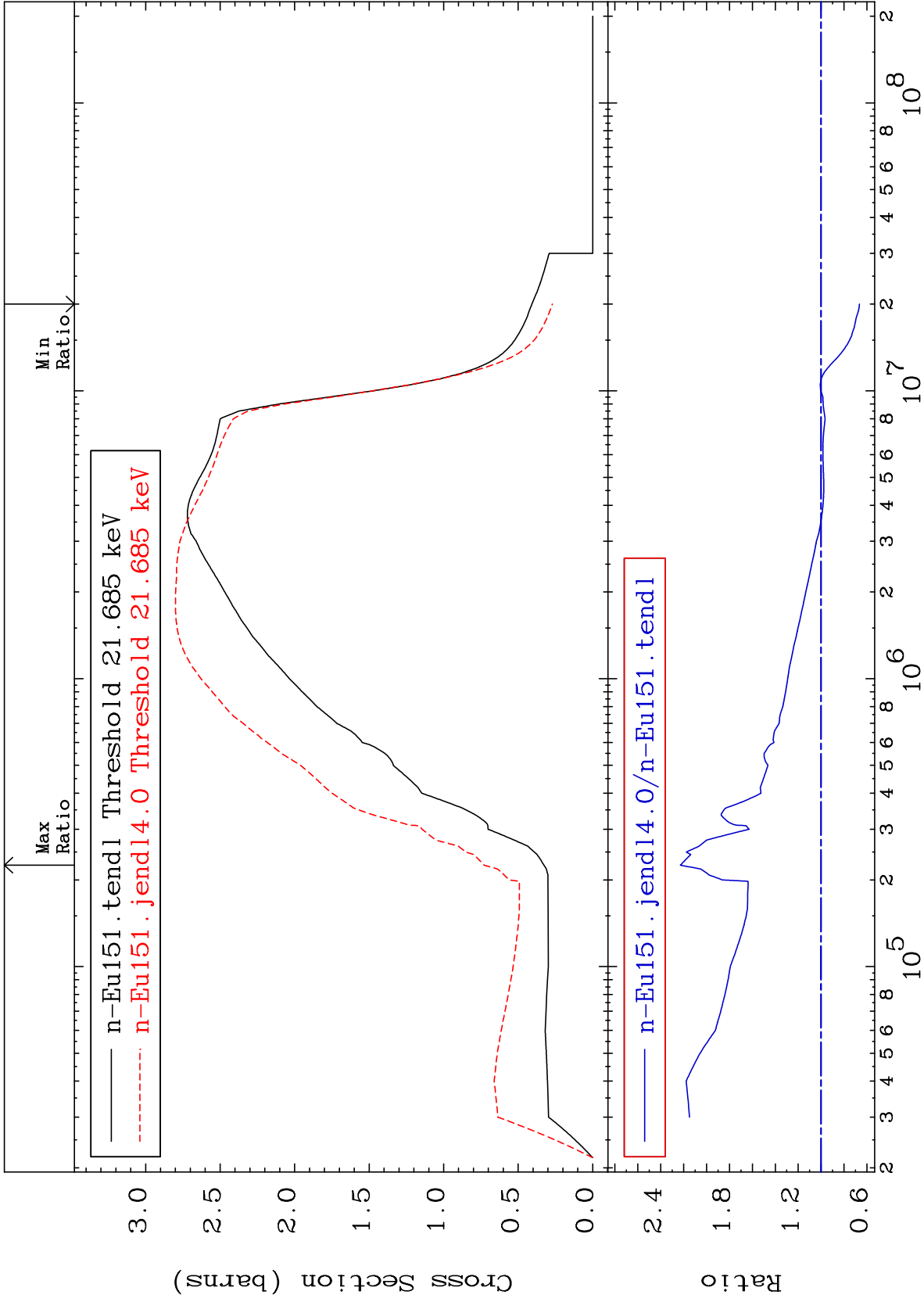
Incident Energy (eV)

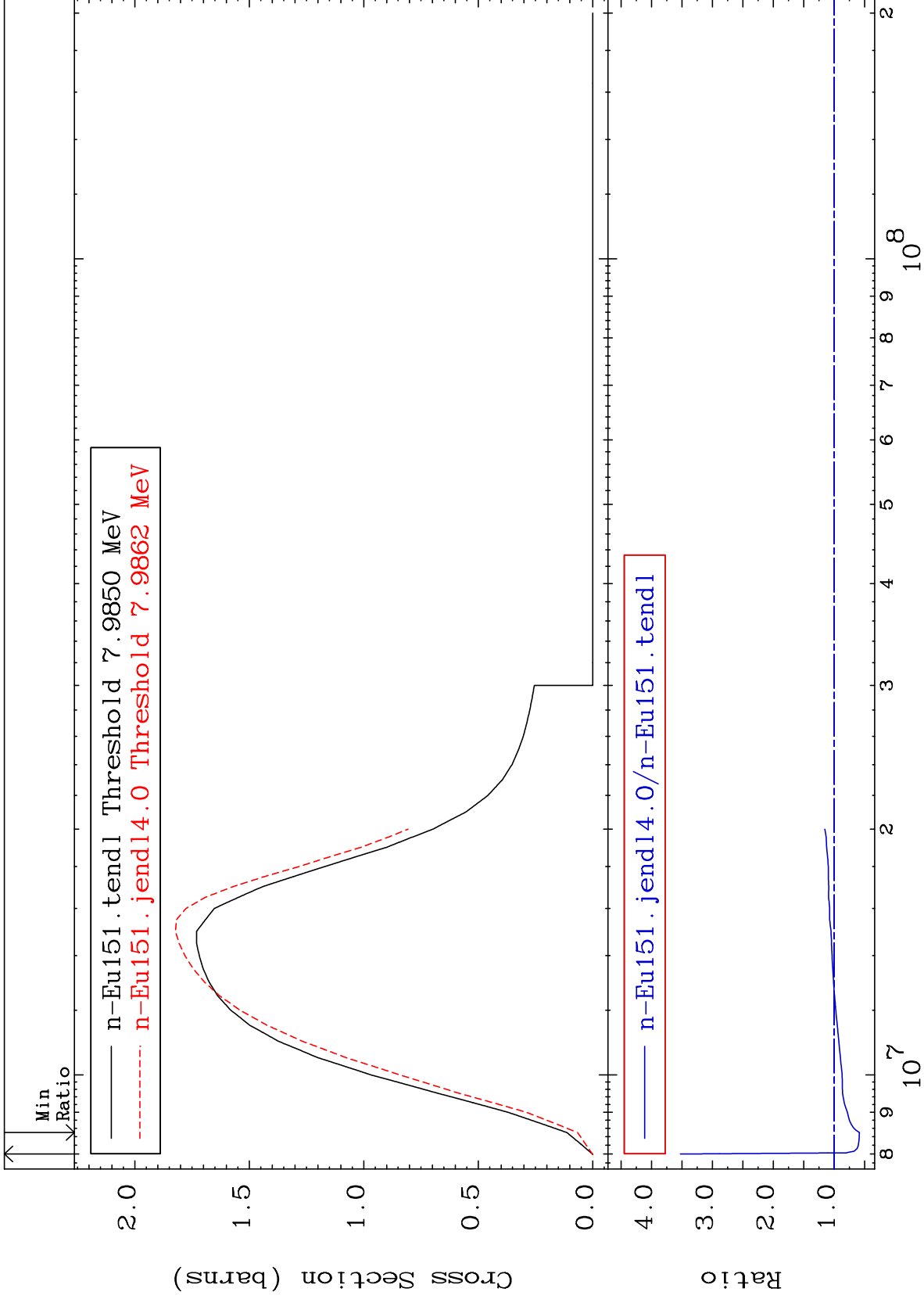
2

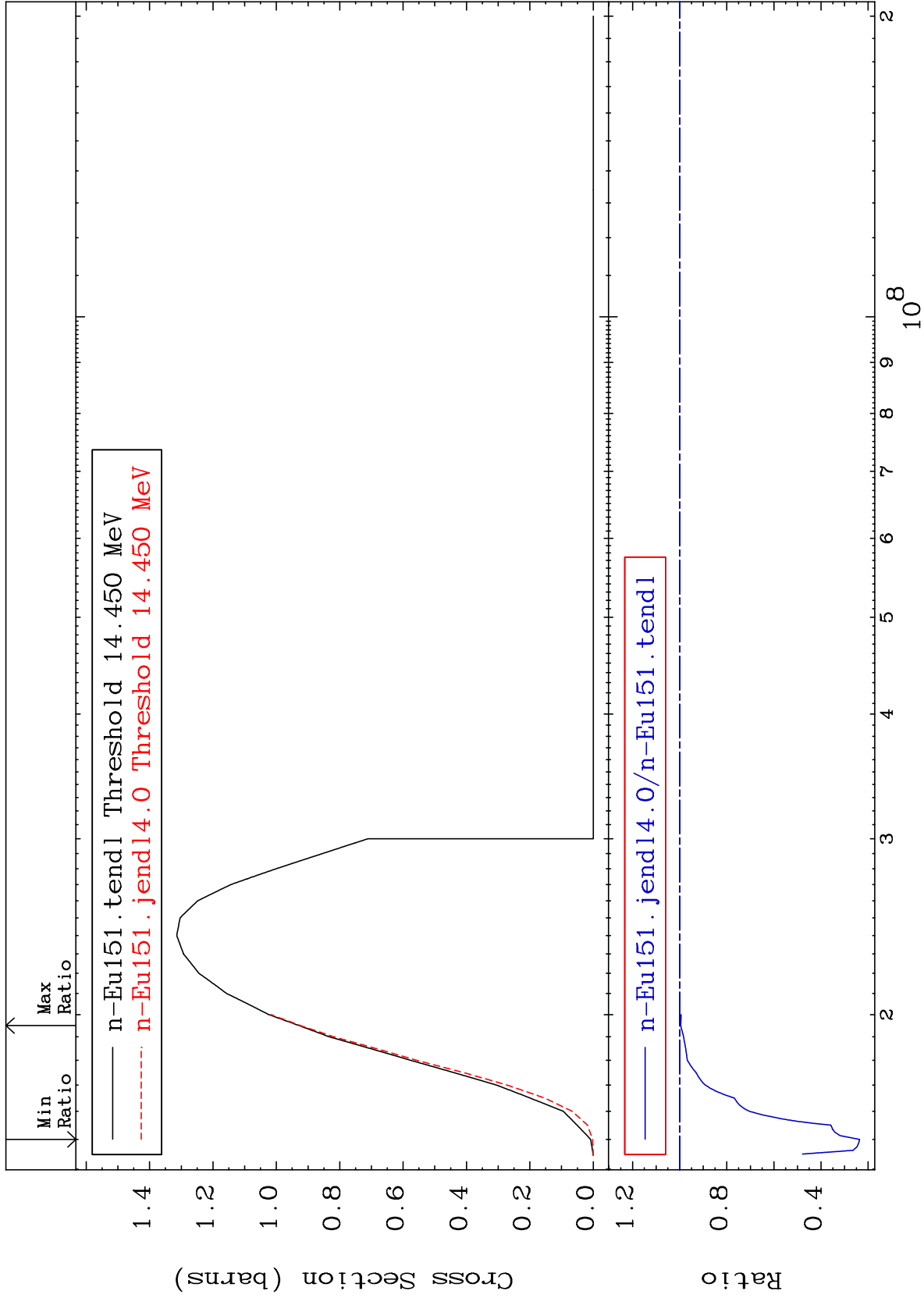
MAT 6325

Inelastic  
Cross Section

63-Eu-151  
-33.45 To 122.9 %



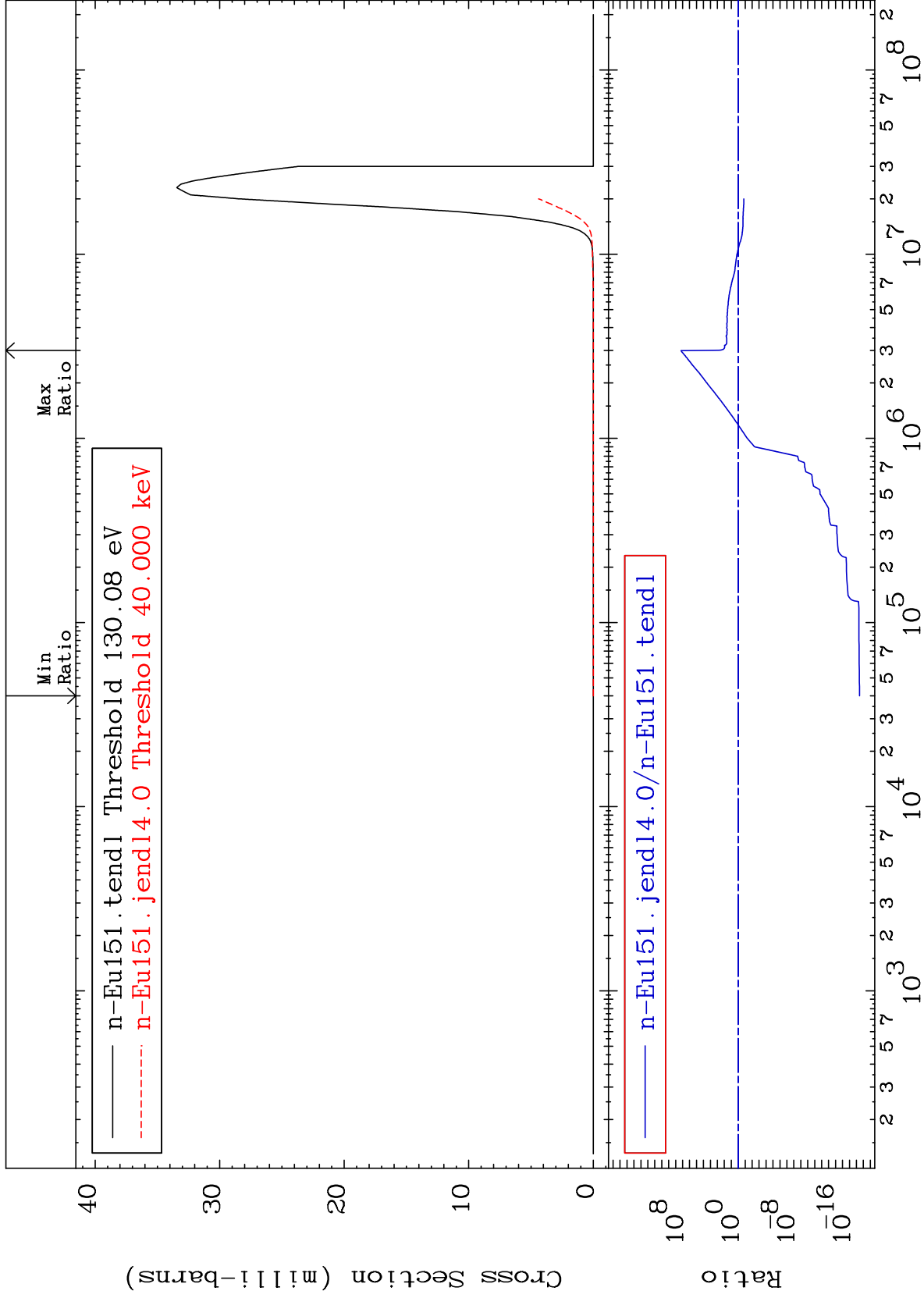




MAT 6325

(n, n')  $\alpha$   
Cross Section

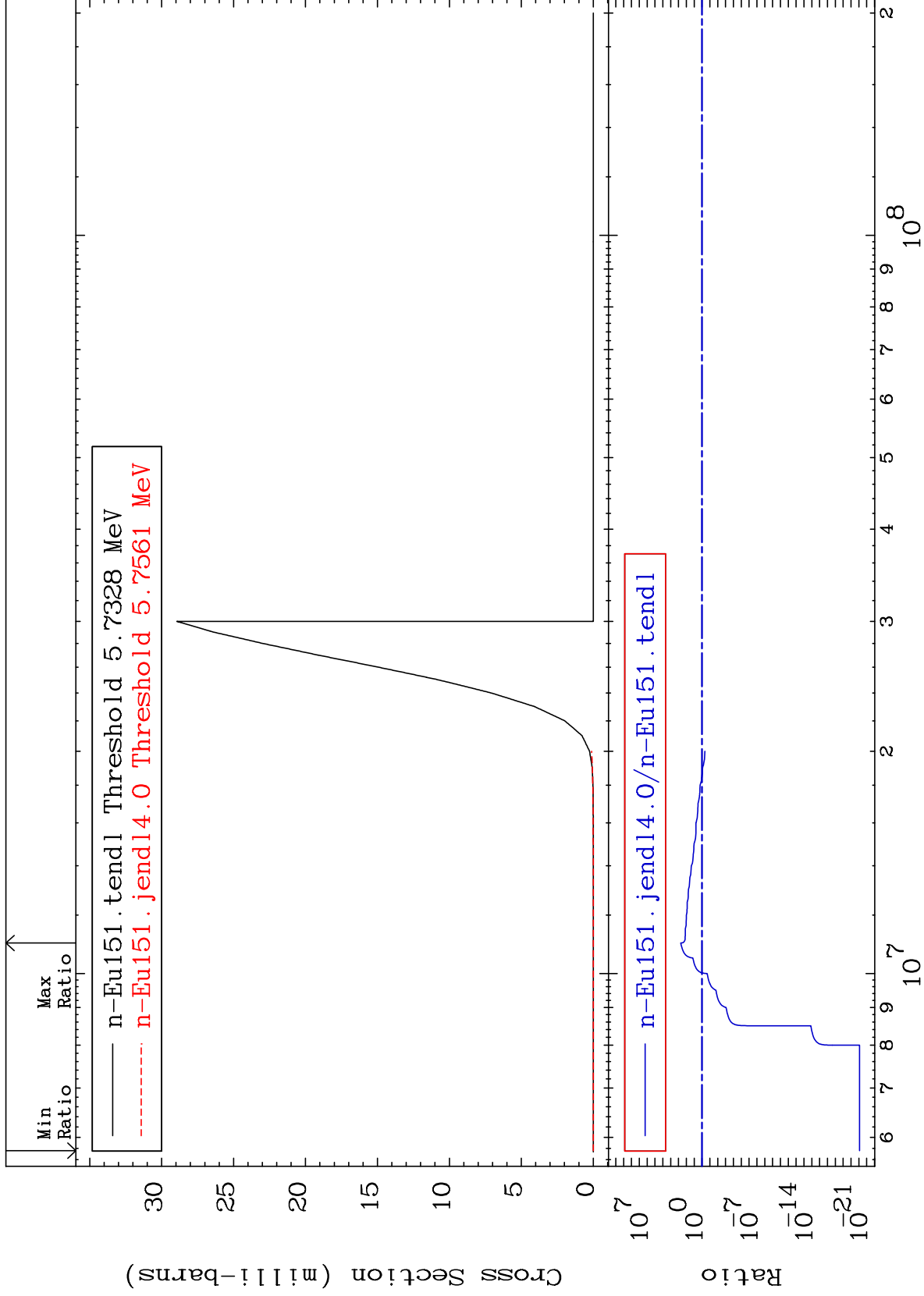
63-Eu-151  
-100.0 To 9999. %



MAT 6325

(n,2n)  $\alpha$   
Cross Section

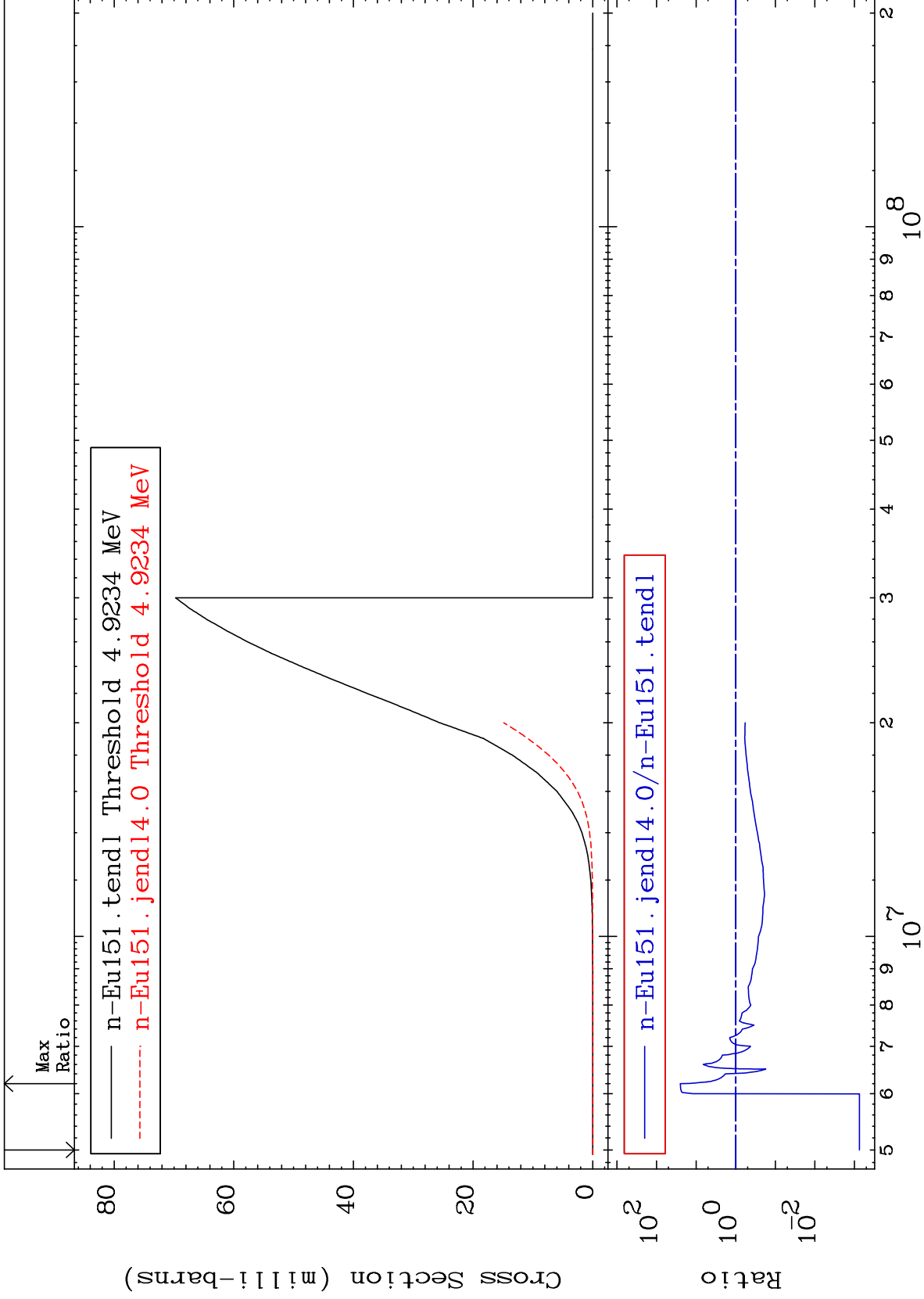
63-Eu-151  
-100.0 To 9999. %



MAT 6325

(n, n') p  
Cross Section

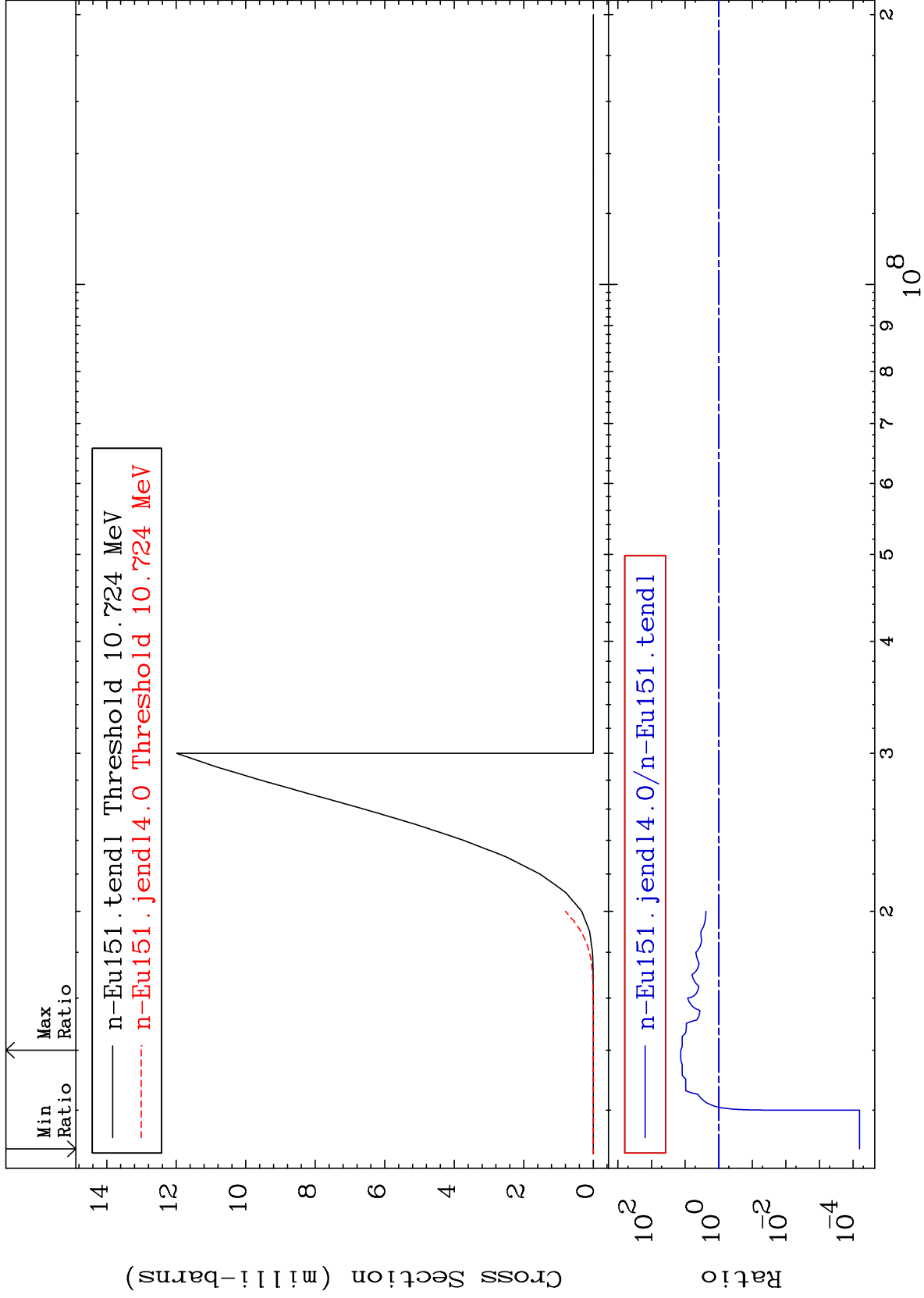
63-Eu-151  
-99.93 To 2408. %





Cross Section

-99.99 To 1248. %



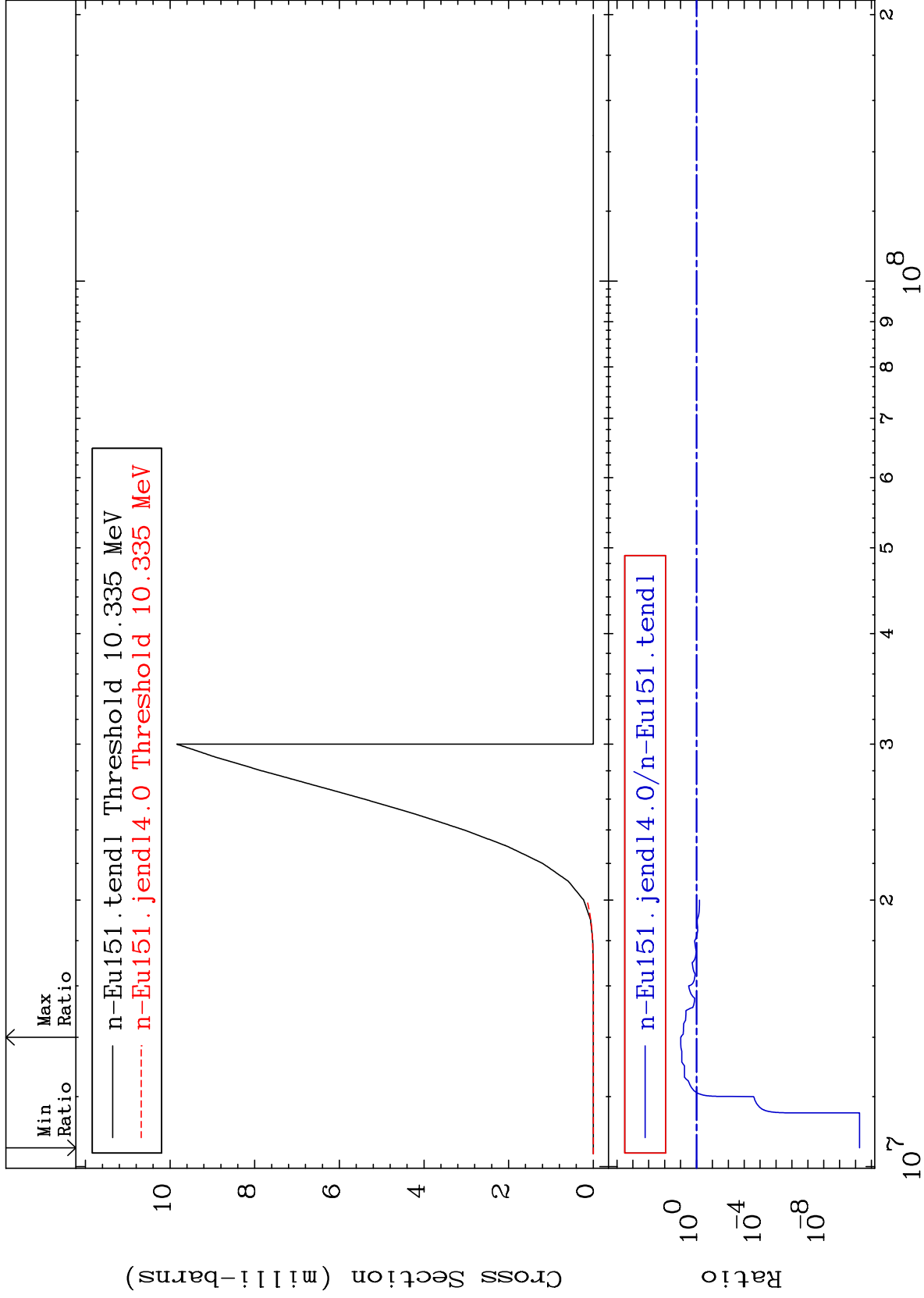
MAT 6325

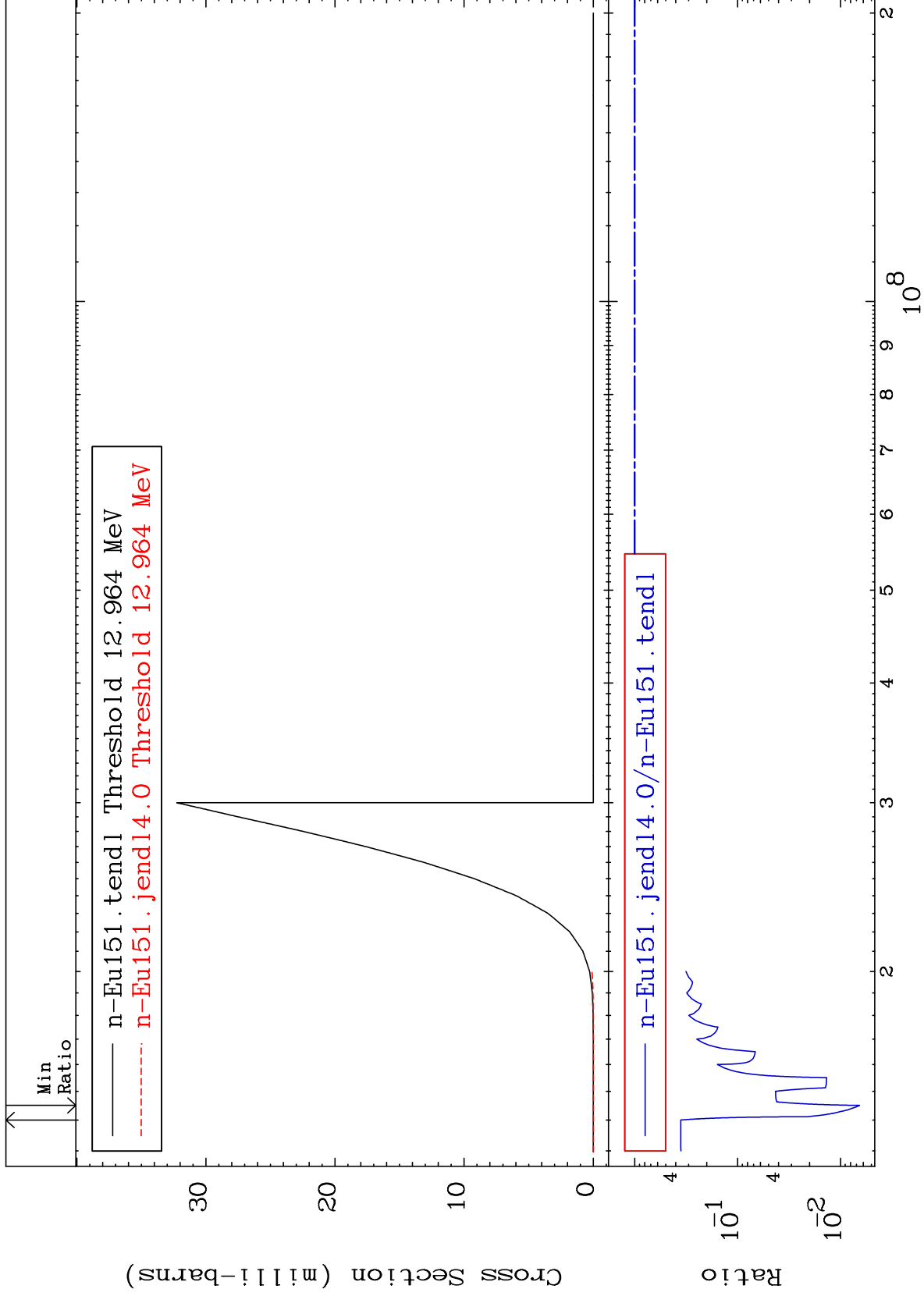
(n,n') t

63-Eu-151

Cross Section

-100.0 To 873.1 %

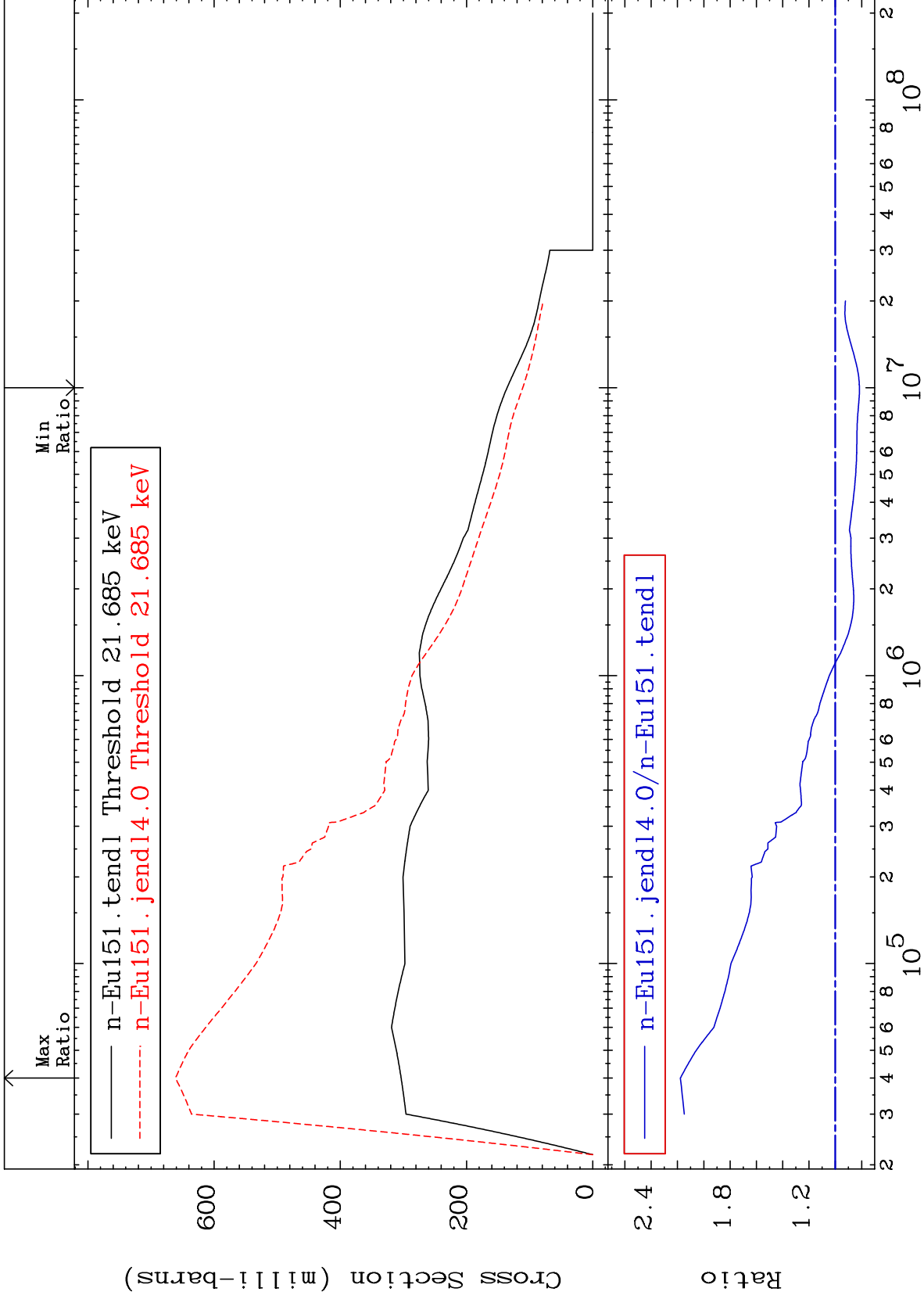




MAT 6325

MT= 51 (n,n') Level  
Cross Section

63-Eu-151  
-18.33 To 117.8 %



12

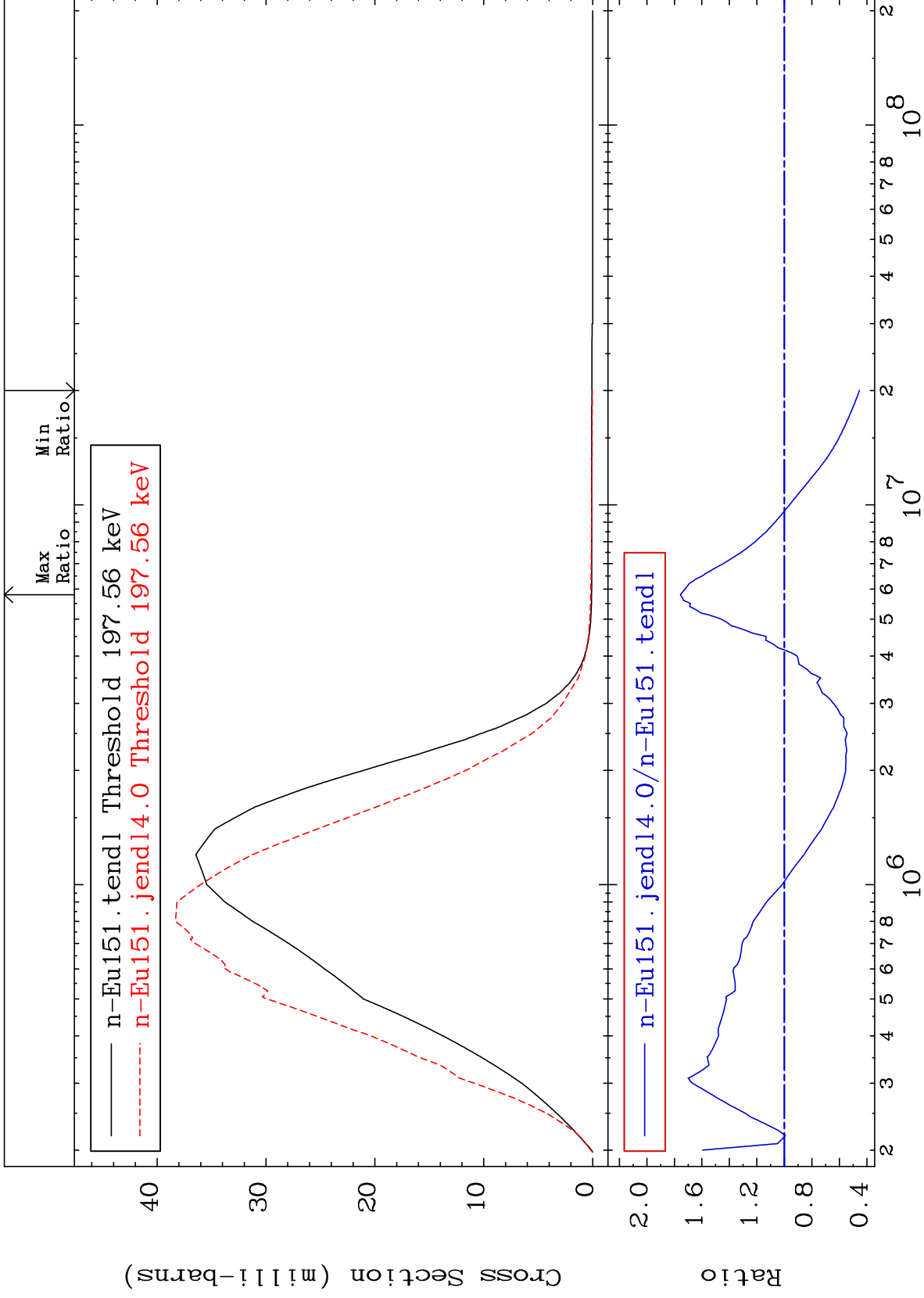
Incident Energy (eV)

63-Eu-151

MAT 6325

MT= 52 (n, n') Level  
Cross Section

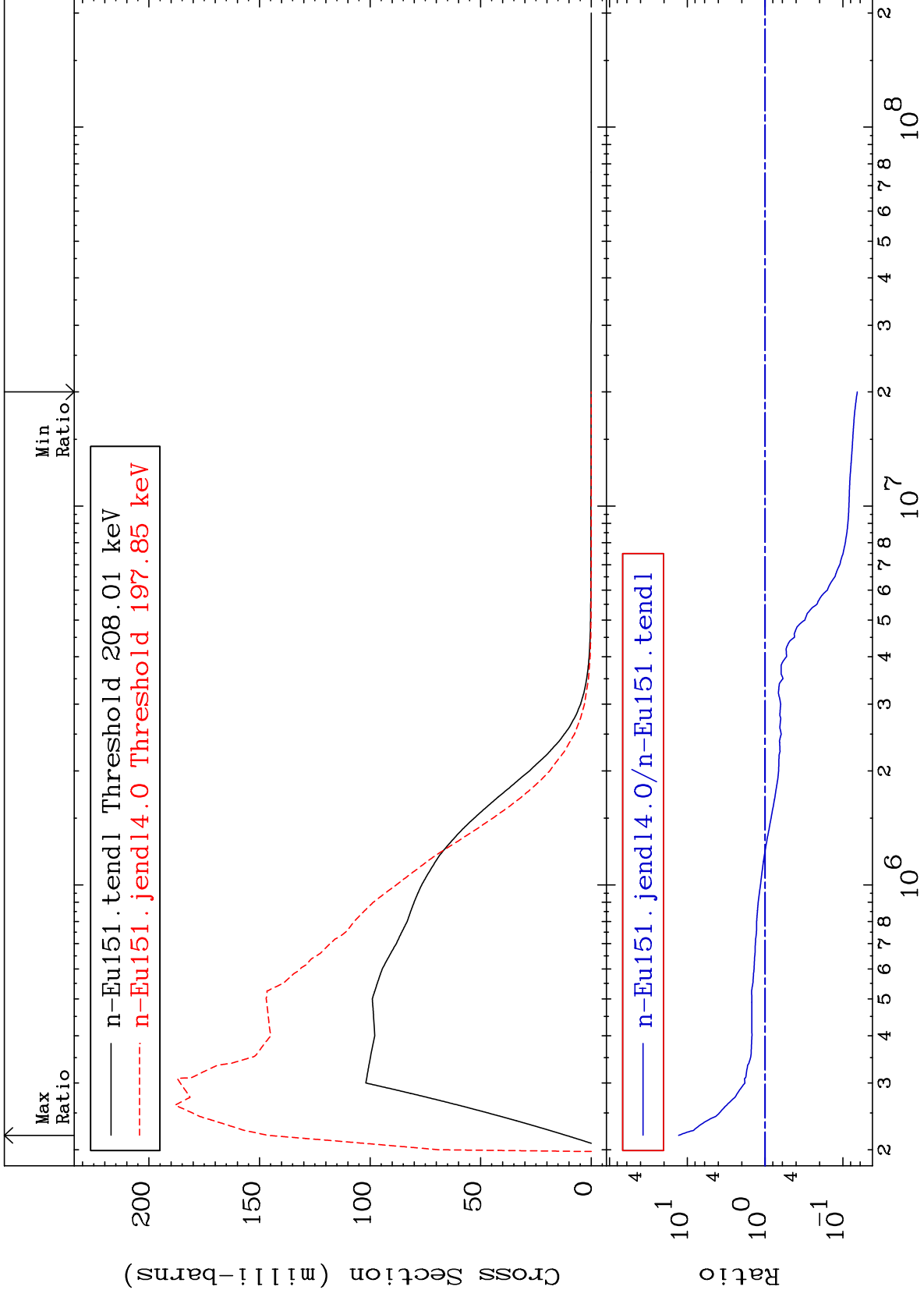
63-Eu-151  
-54.57 To 75.65 %



MAT 6325

MT= 53 (n,n') Level  
Cross Section

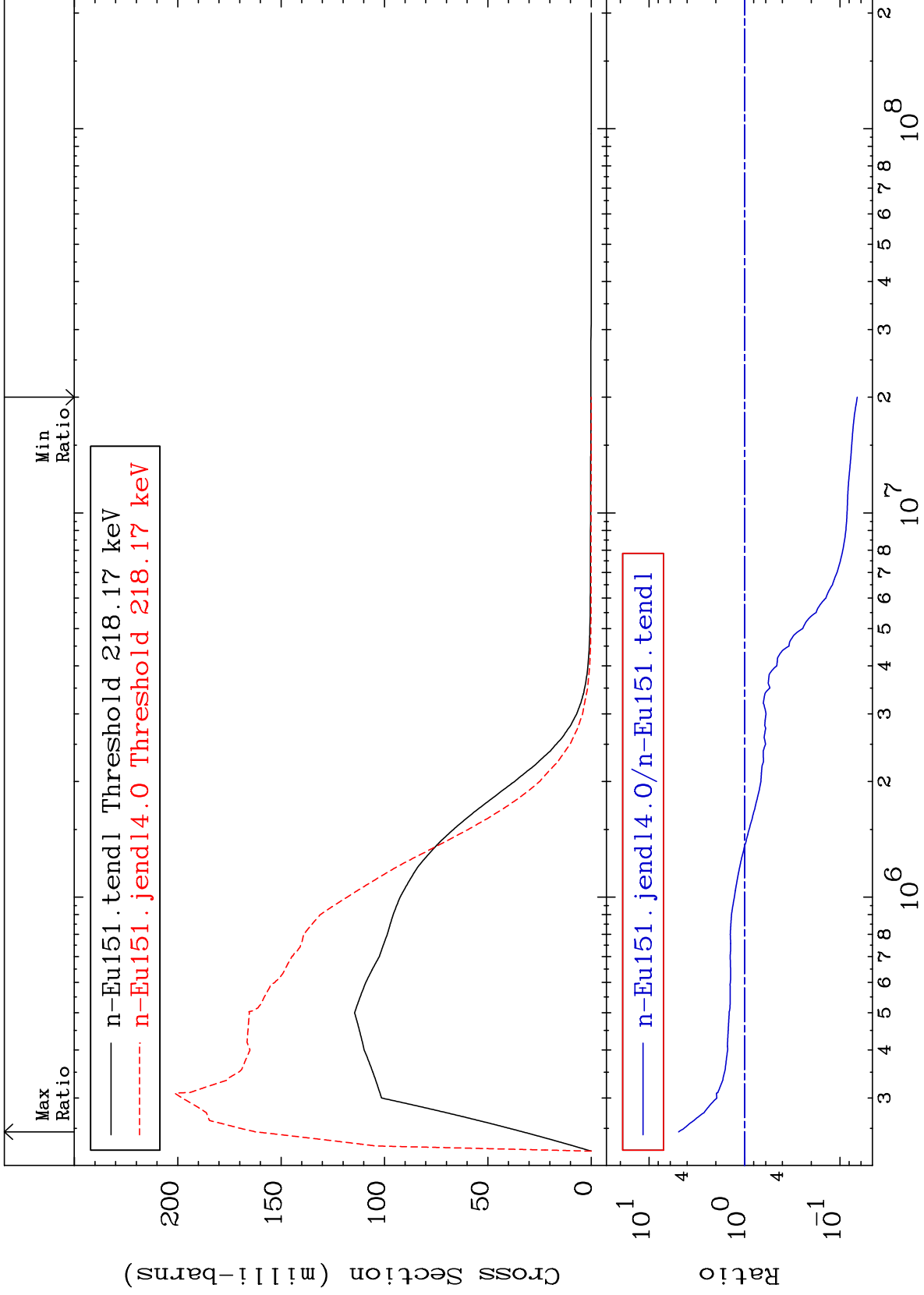
63-Eu-151  
-93.45 To 1196. %



MAT 6325

MT= 54 (n,n') Level  
Cross Section

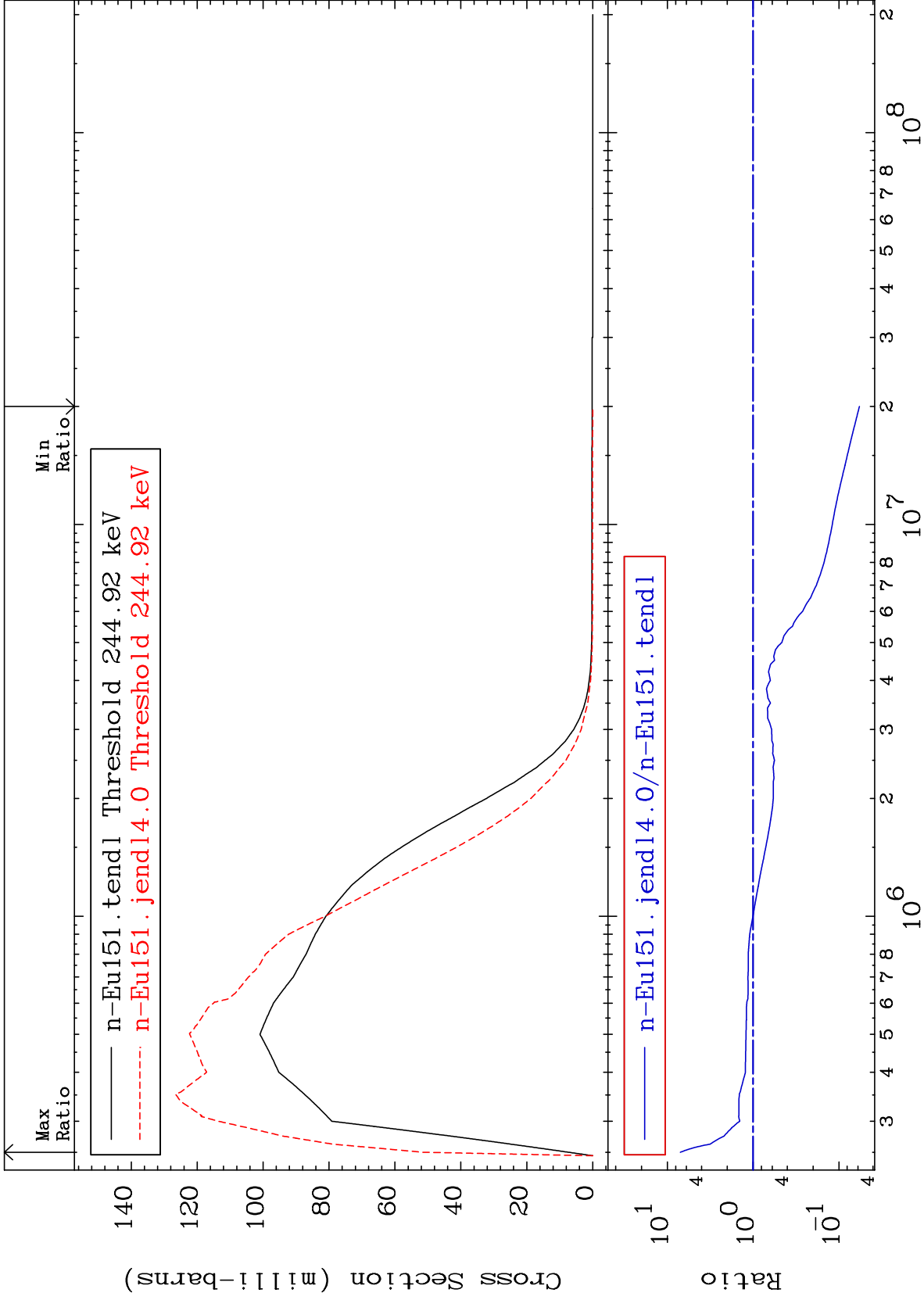
63-Eu-151  
-93.42 To 389.6 %



MAT 6325

MT= 55 (n,n') Level  
Cross Section

63-Eu-151  
-94.24 To 605.6 %



16

Incident Energy (eV)

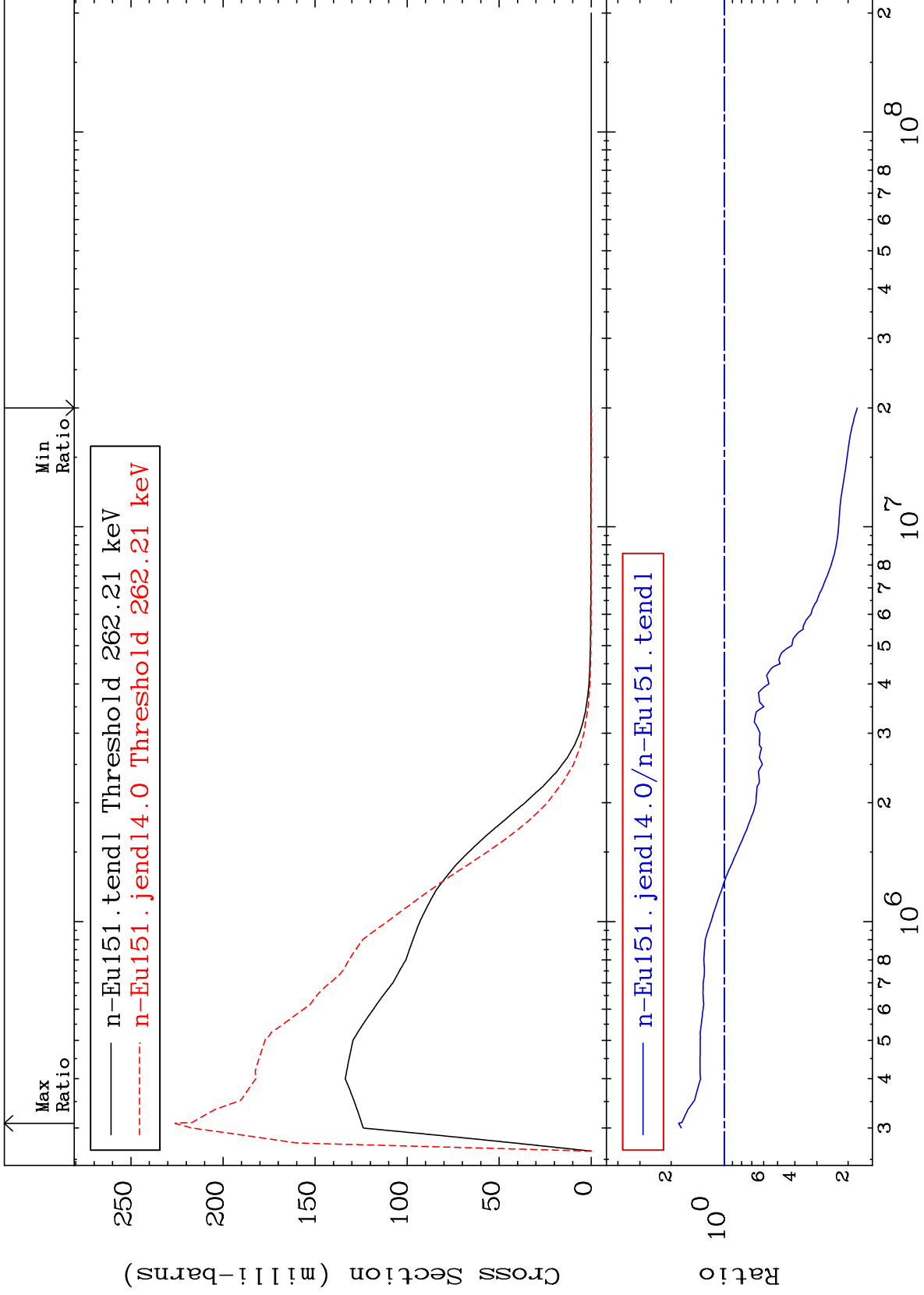
63-Eu-151



MAT 6325

MT= 56 (n,n') Level  
Cross Section

63-Eu-151  
-82.25 To 81.37 %



17

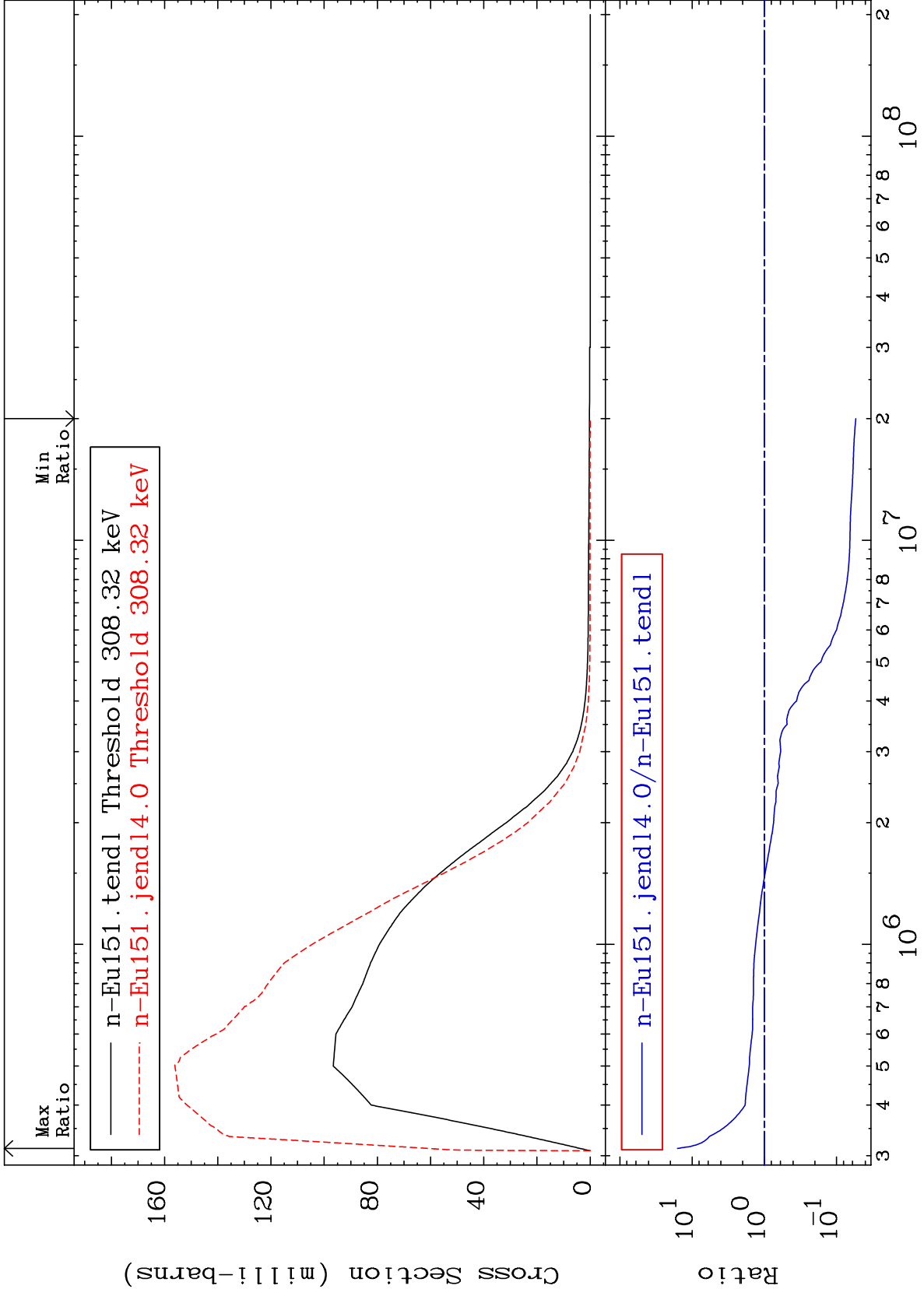
Incident Energy (eV)

63-Eu-151

MAT 6325

MT= 57 (n,n') Level  
Cross Section

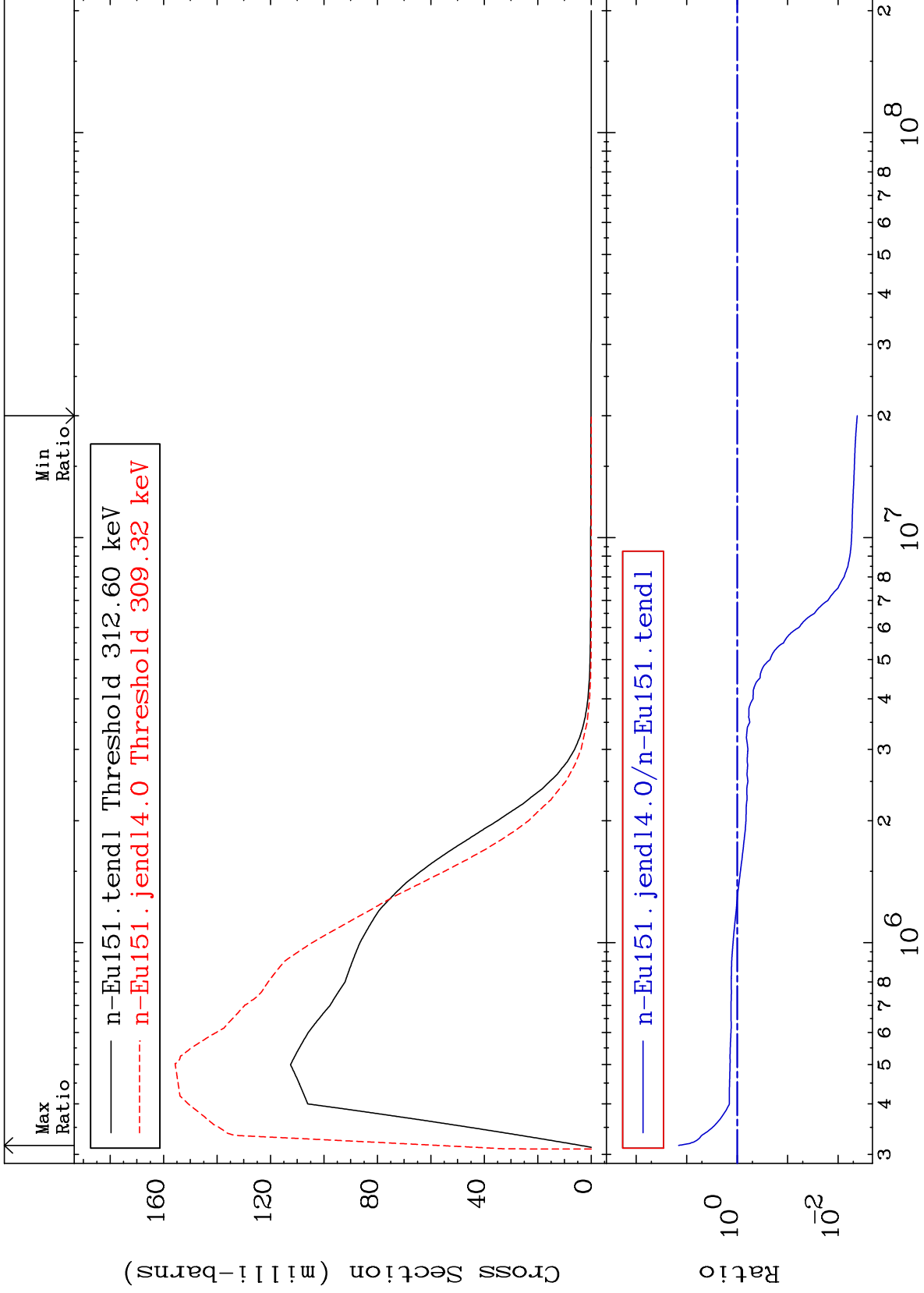
63-Eu-151  
-94.59 To 1493. %



MAT 6325

MT= 58 (n,n') Level  
Cross Section

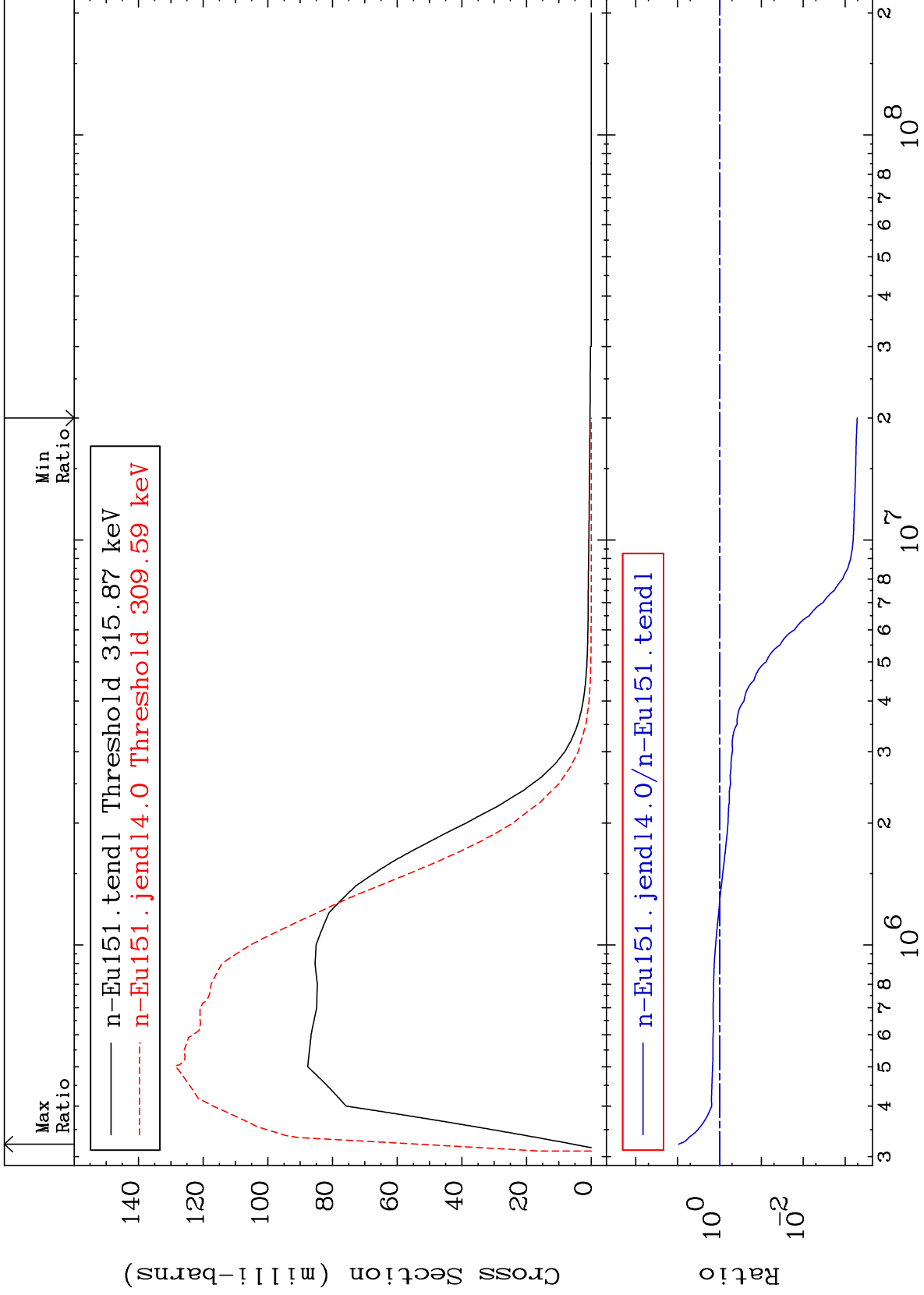
63-Eu-151  
-99.58 To 1341. %



MAT 6325

MT= 59 (n,n') Level  
Cross Section

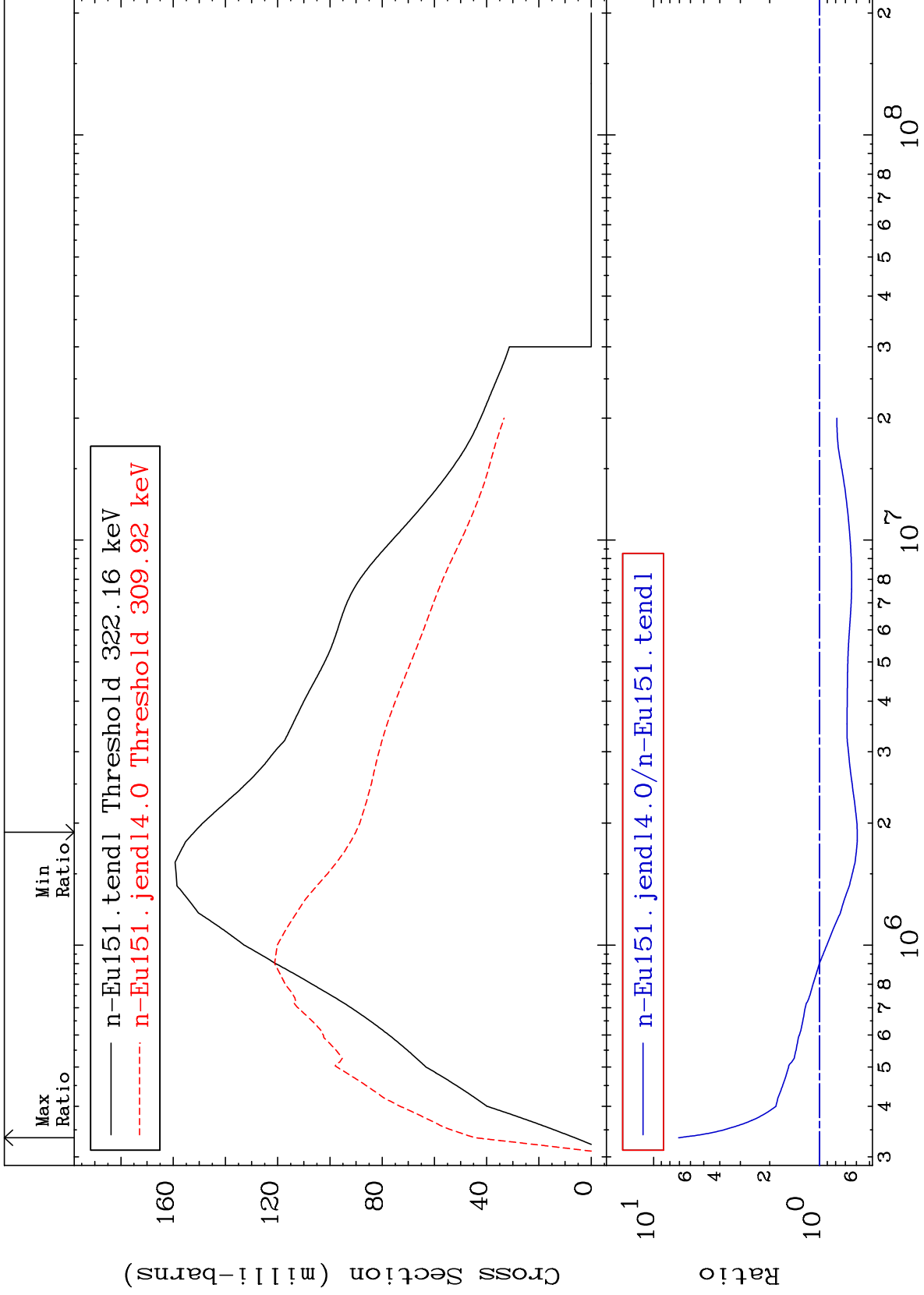
63-Eu-151  
-99.95 To 846.8 %



20

Incident Energy (eV)

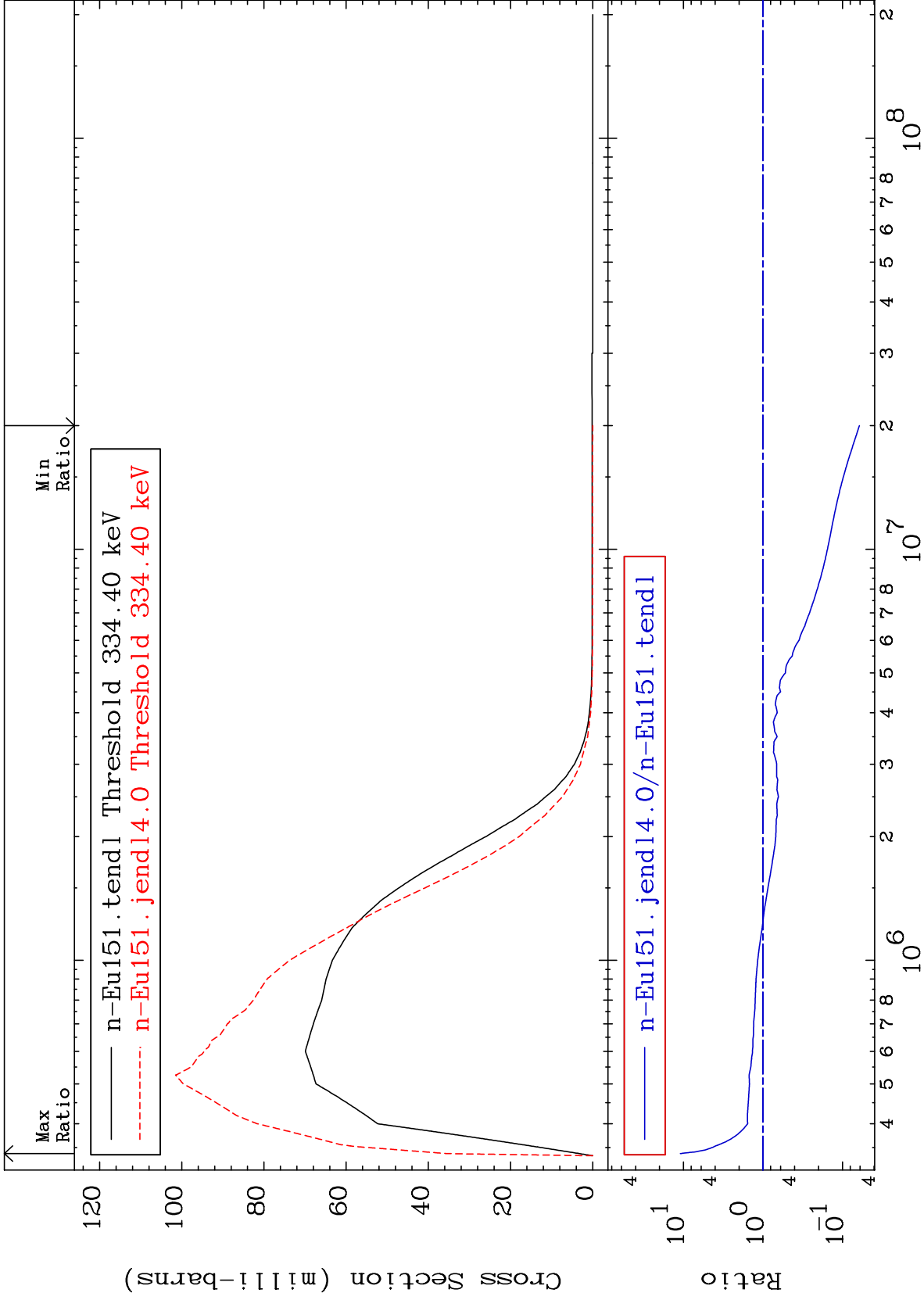
63-Eu-151

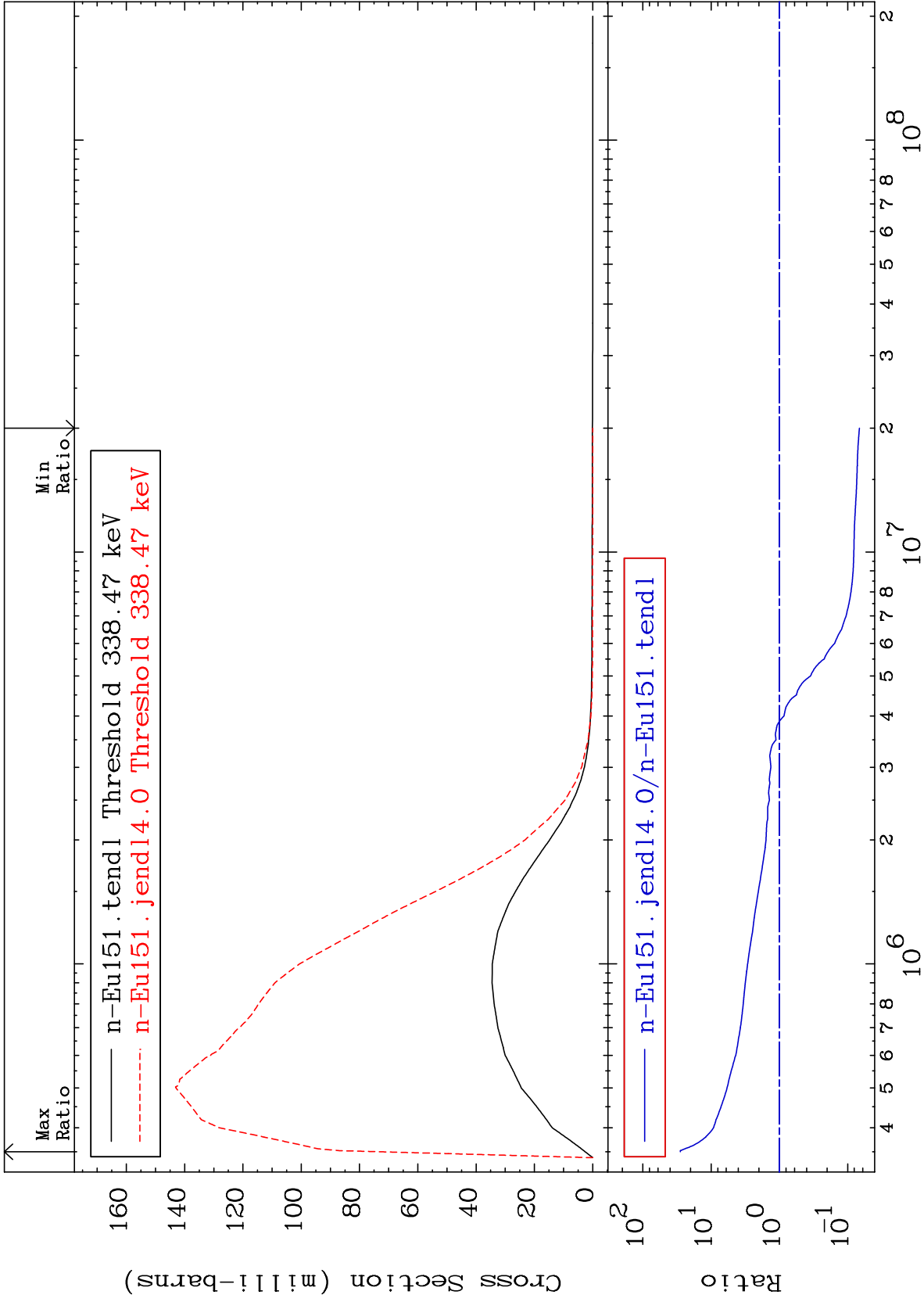


MAT 6325

MT= 61 (n,n') Level  
Cross Section

63-Eu-151  
-93.88 To 994.1 %

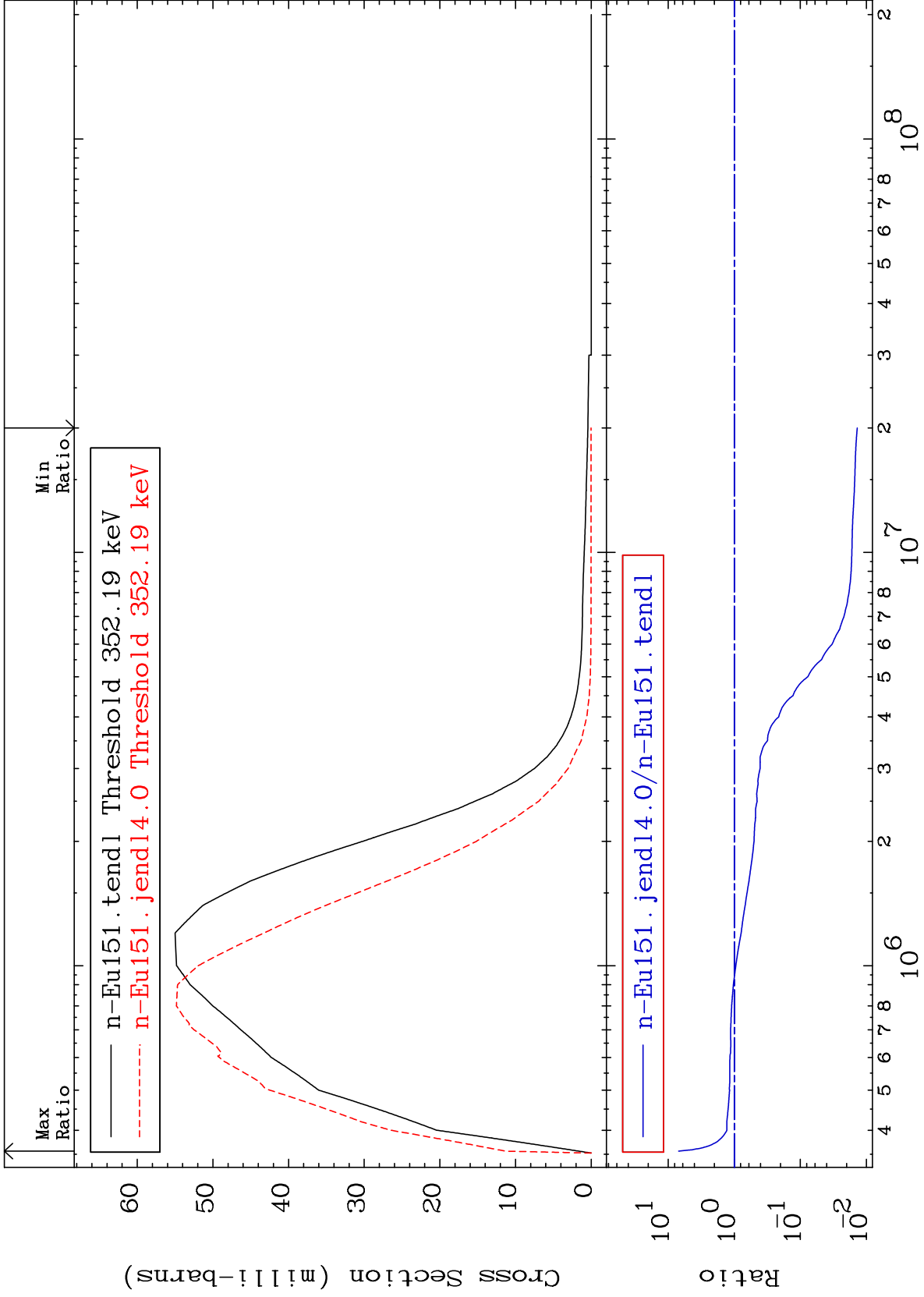




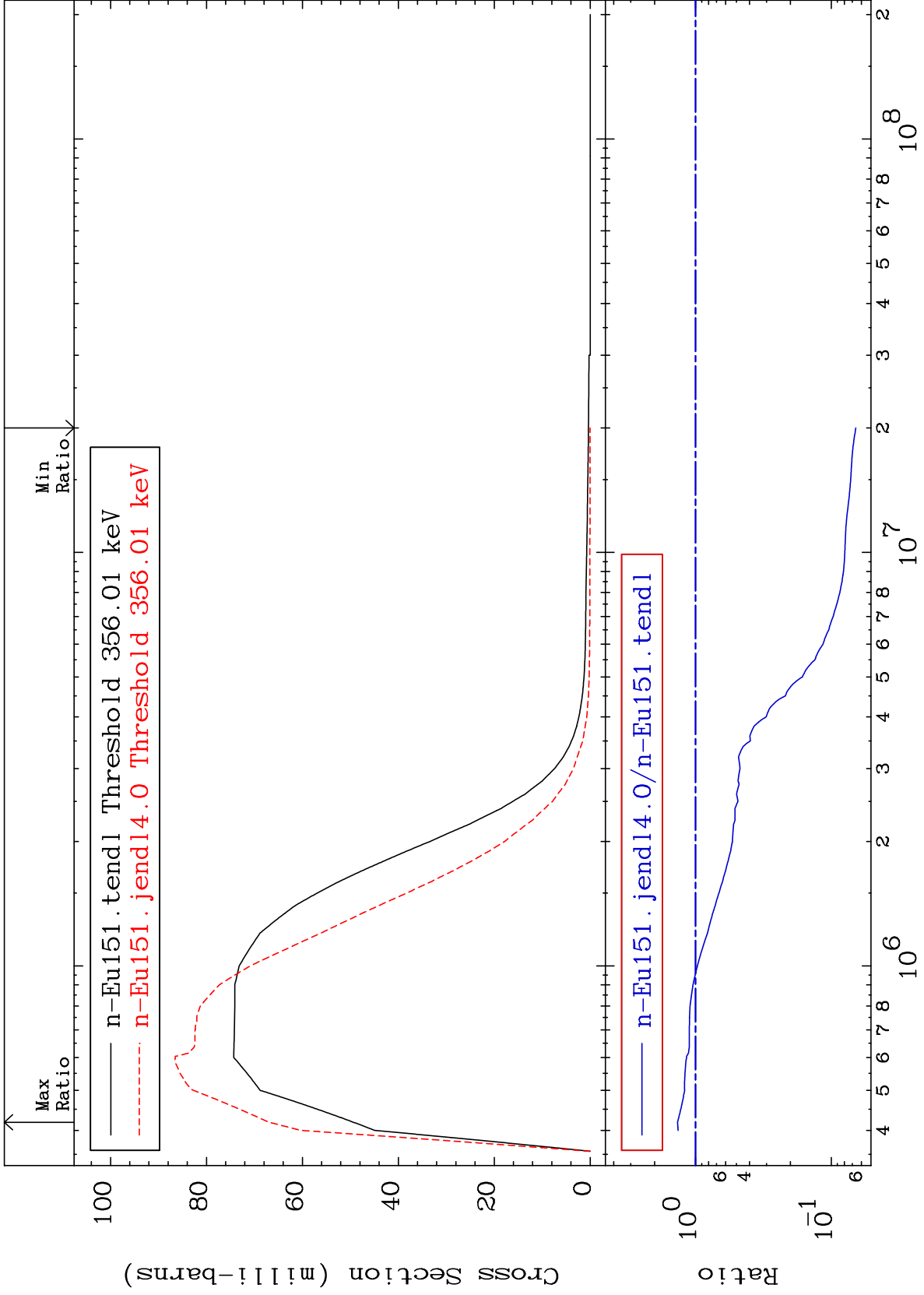
MAT 6325

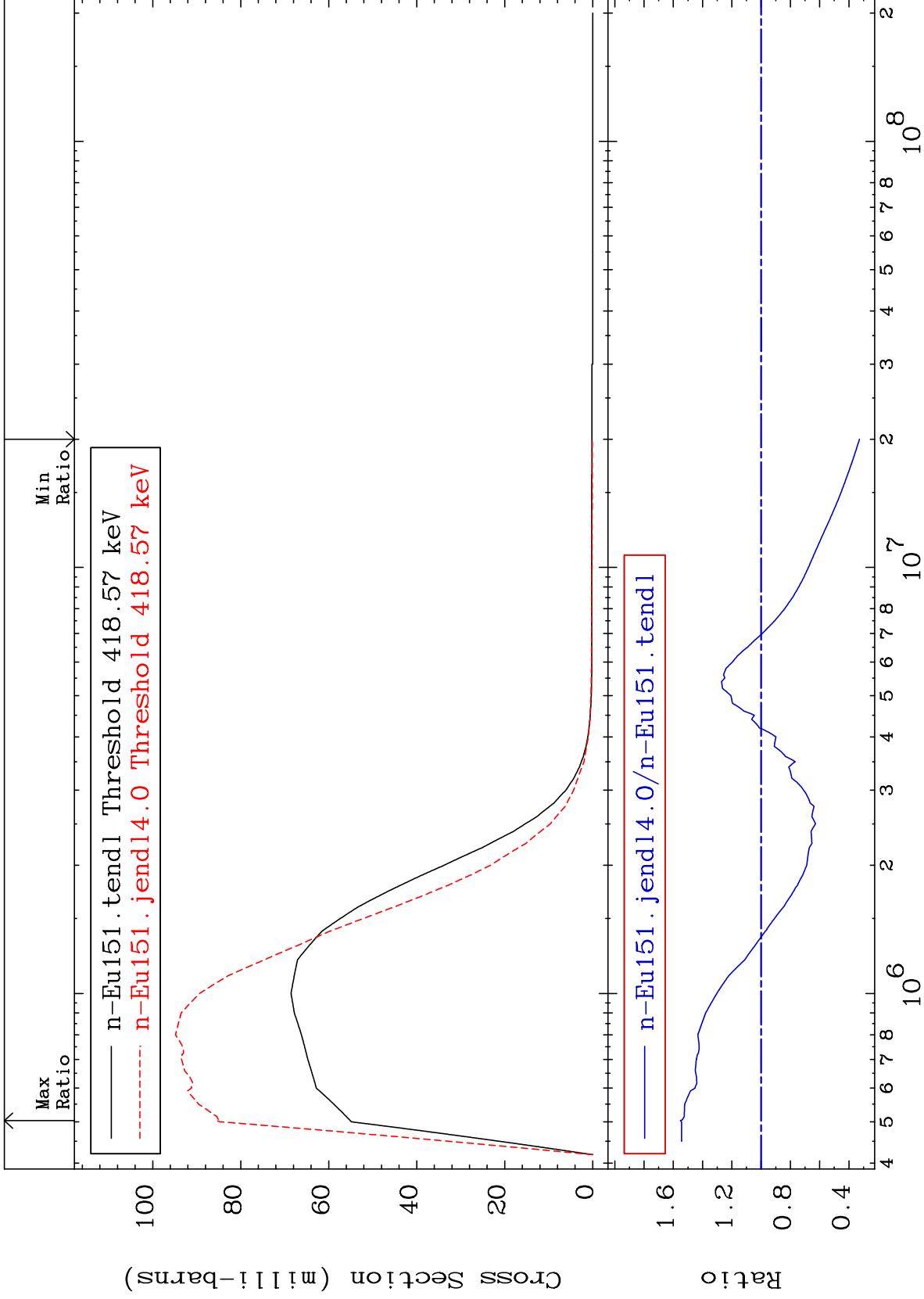
MT= 63 (n,n') Level  
Cross Section

63-Eu-151  
-98.62 To 594.1 %





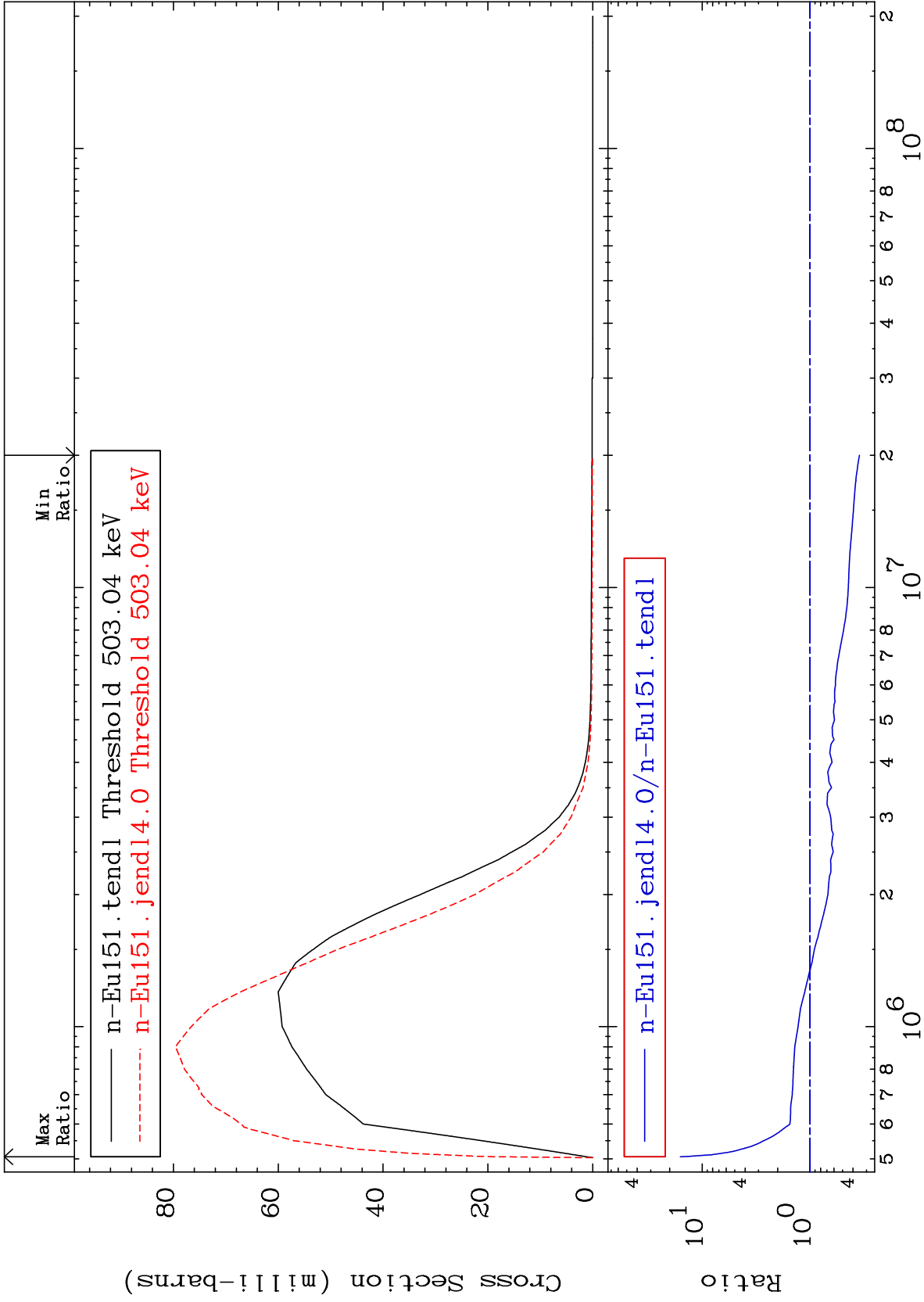




MAT 6325

MT= 66 (n,n') Level  
Cross Section

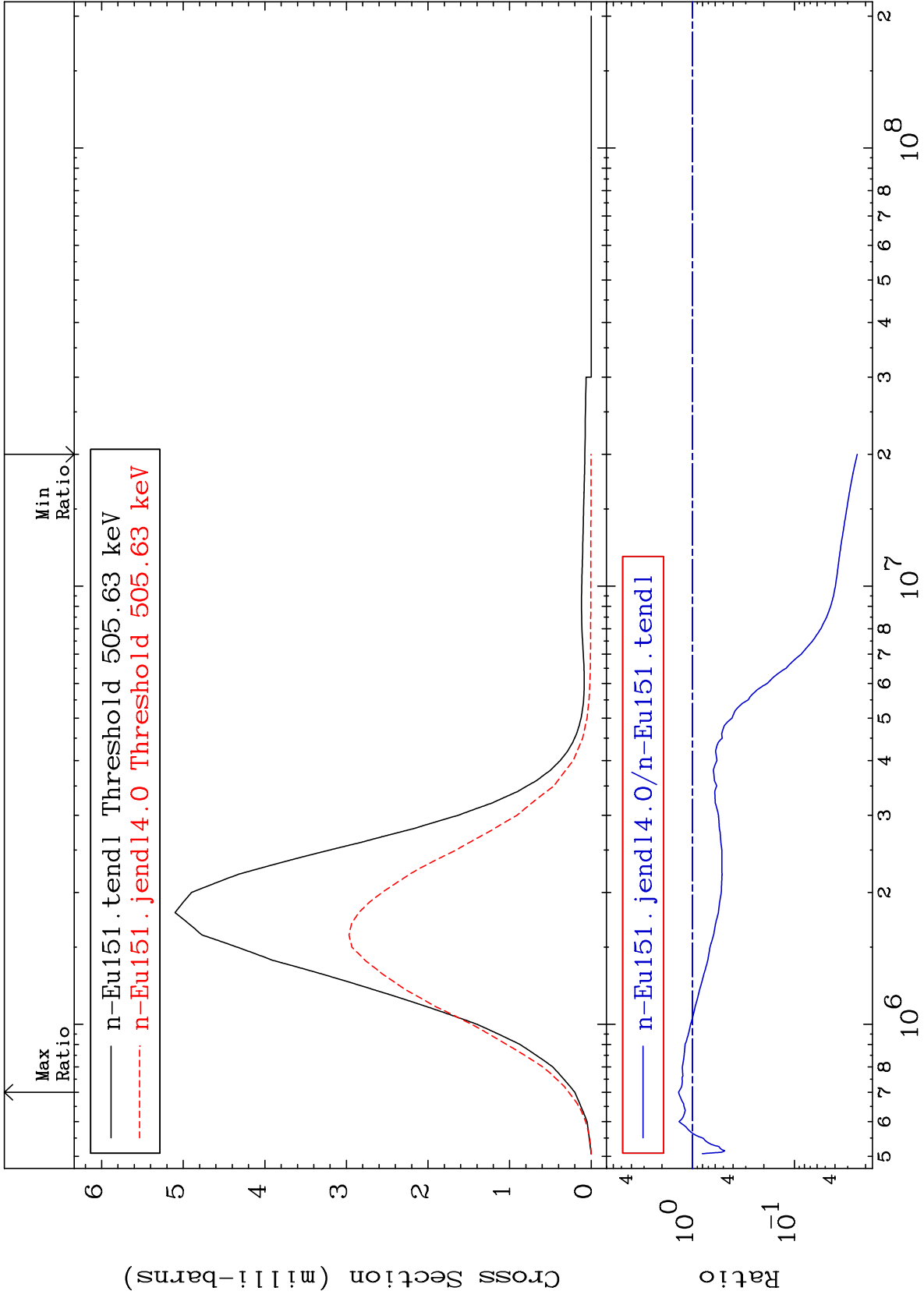
63-Eu-151  
-65.11 To 1493. %



MAT 6325

MT= 67 (n,n') Level  
Cross Section

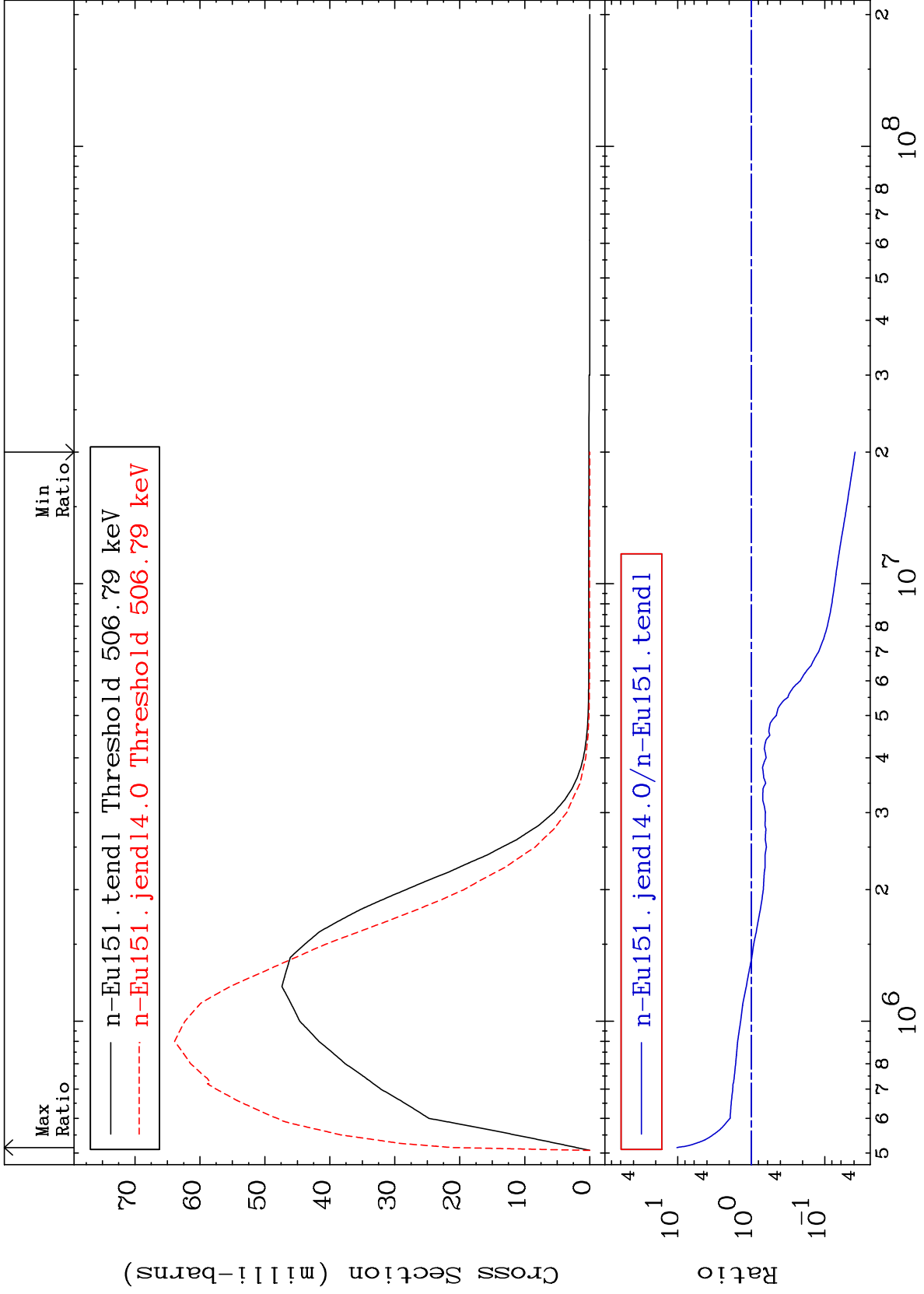
63-Eu-151  
-97.58 To 37.14 %



MAT 6325

MT= 68 (n,n') Level  
Cross Section

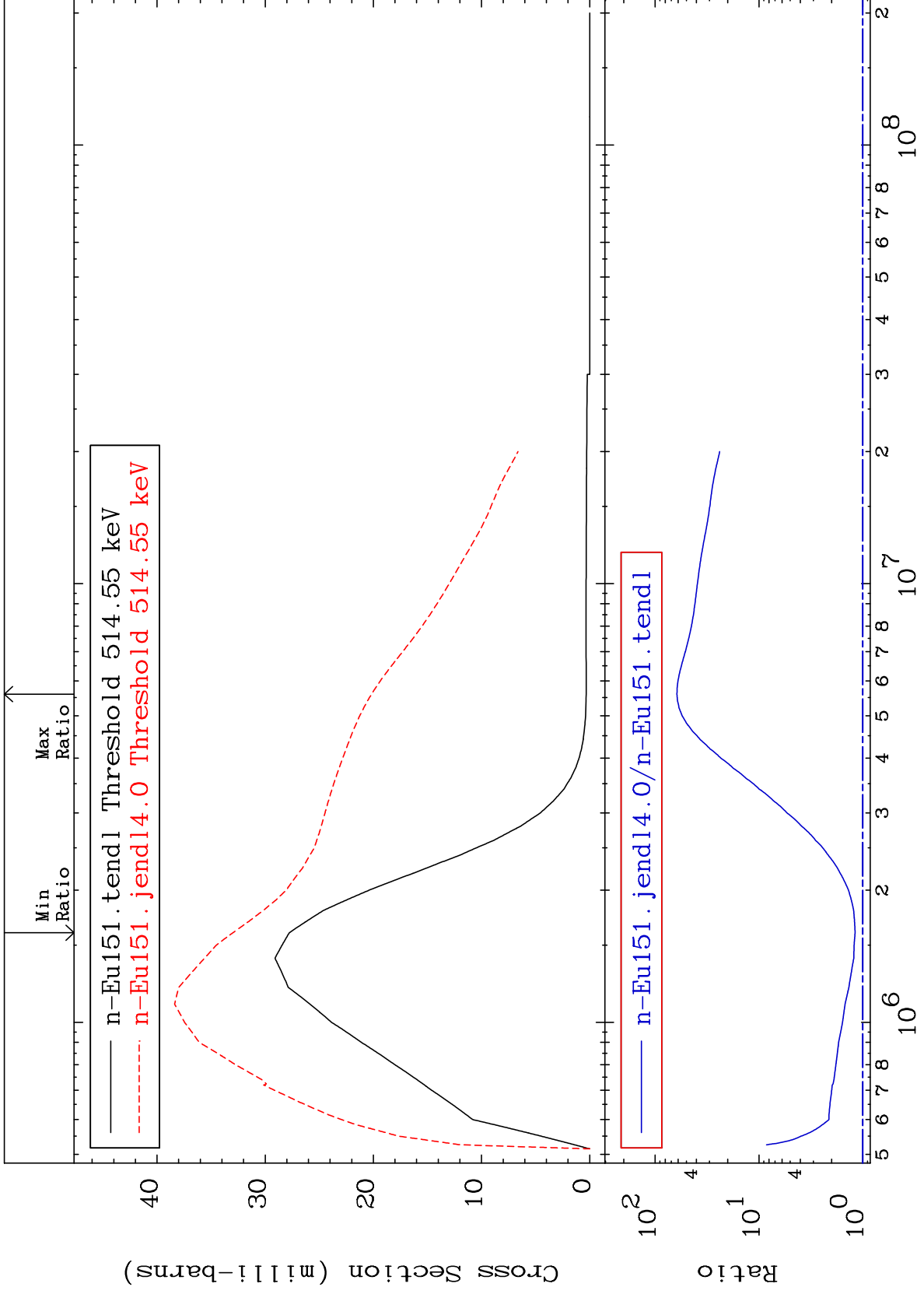
63-Eu-151  
-96.14 To 927.6 %



MAT 6325

MT= 69 (n,n') Level  
Cross Section

63-Eu-151  
18.77 To 6064. %



30

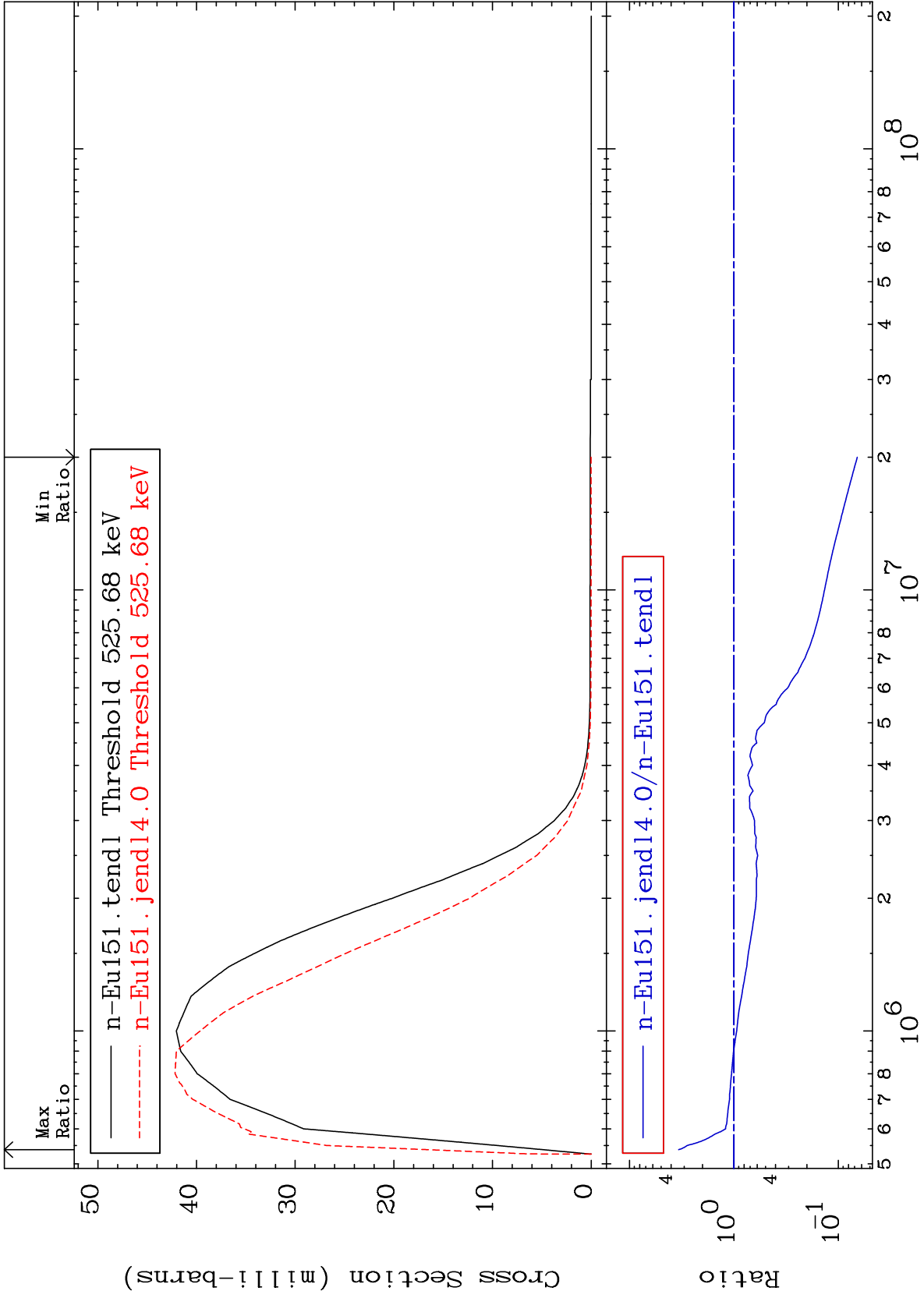
Incident Energy (eV)

63-Eu-151

MAT 6325

MT= 70 (n,n') Level  
Cross Section

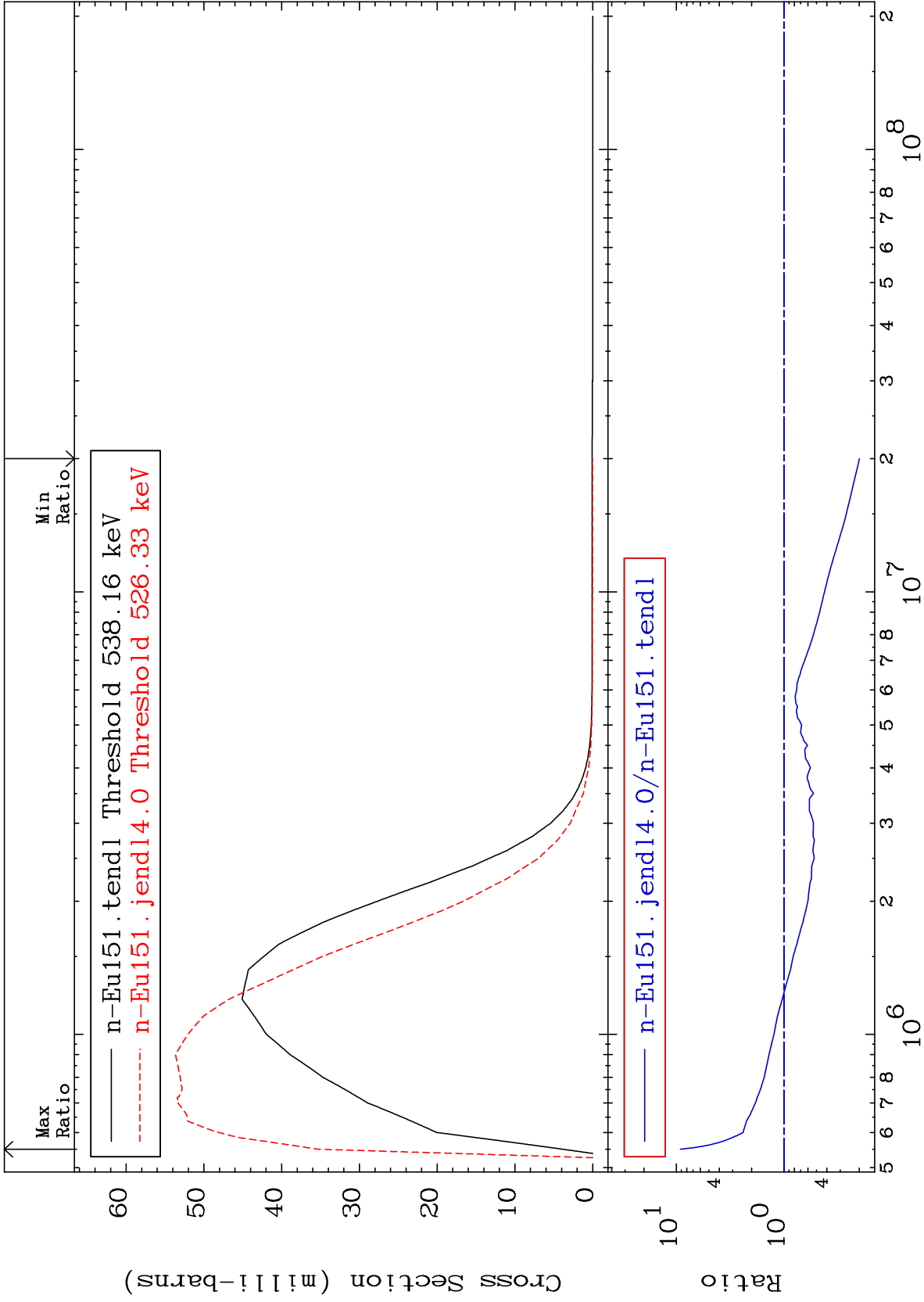
63-Eu-151  
-93.40 To 239.1 %



MAT 6325

MT= 71 (n,n') Level  
Cross Section

63-Eu-151  
-80.10 To 819.1 %

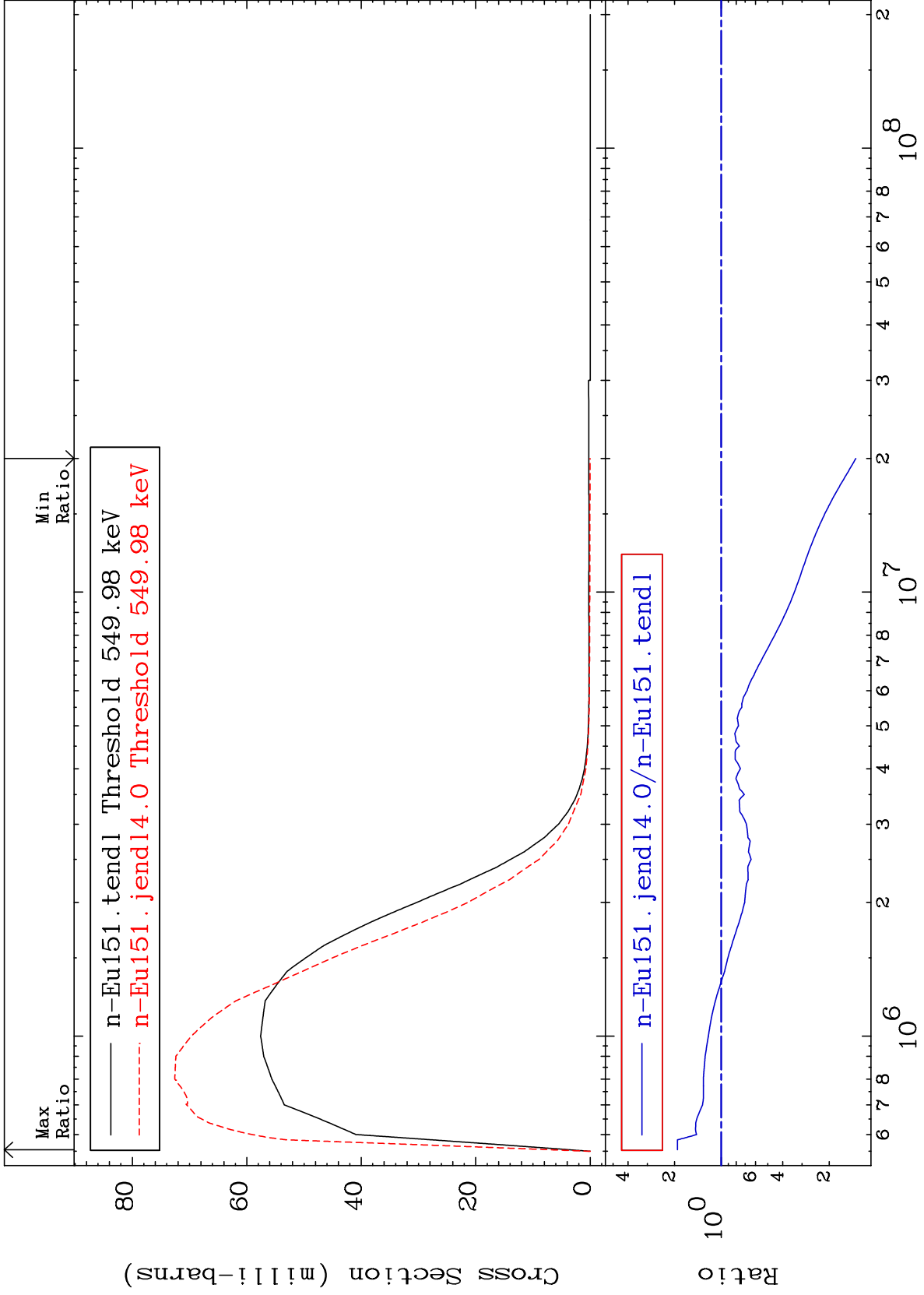




MAT 6325

MT= 72 (n,n') Level  
Cross Section

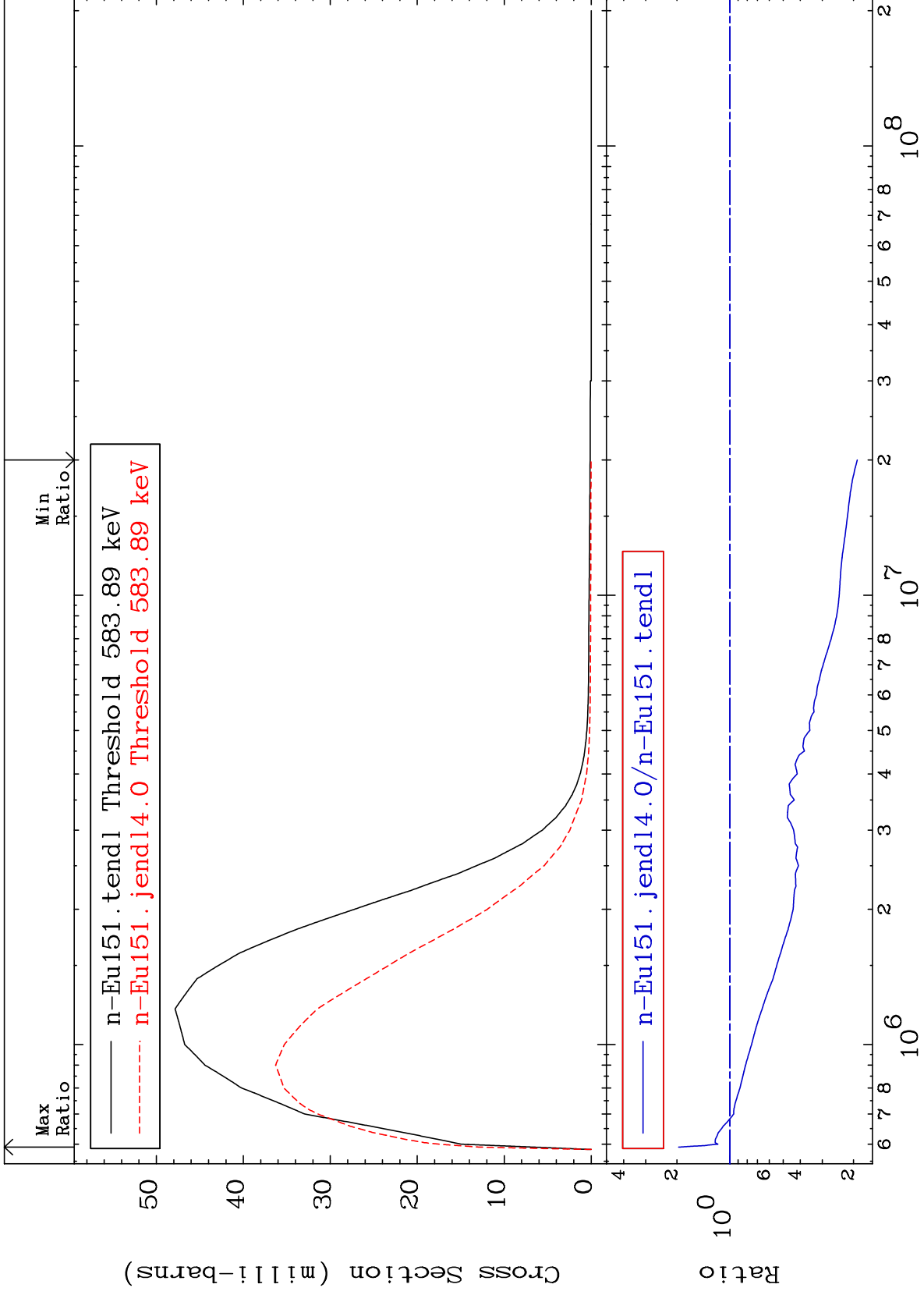
63-Eu-151  
-86.55 To 91.66 %



MAT 6325

MT= 73 (n,n') Level  
Cross Section

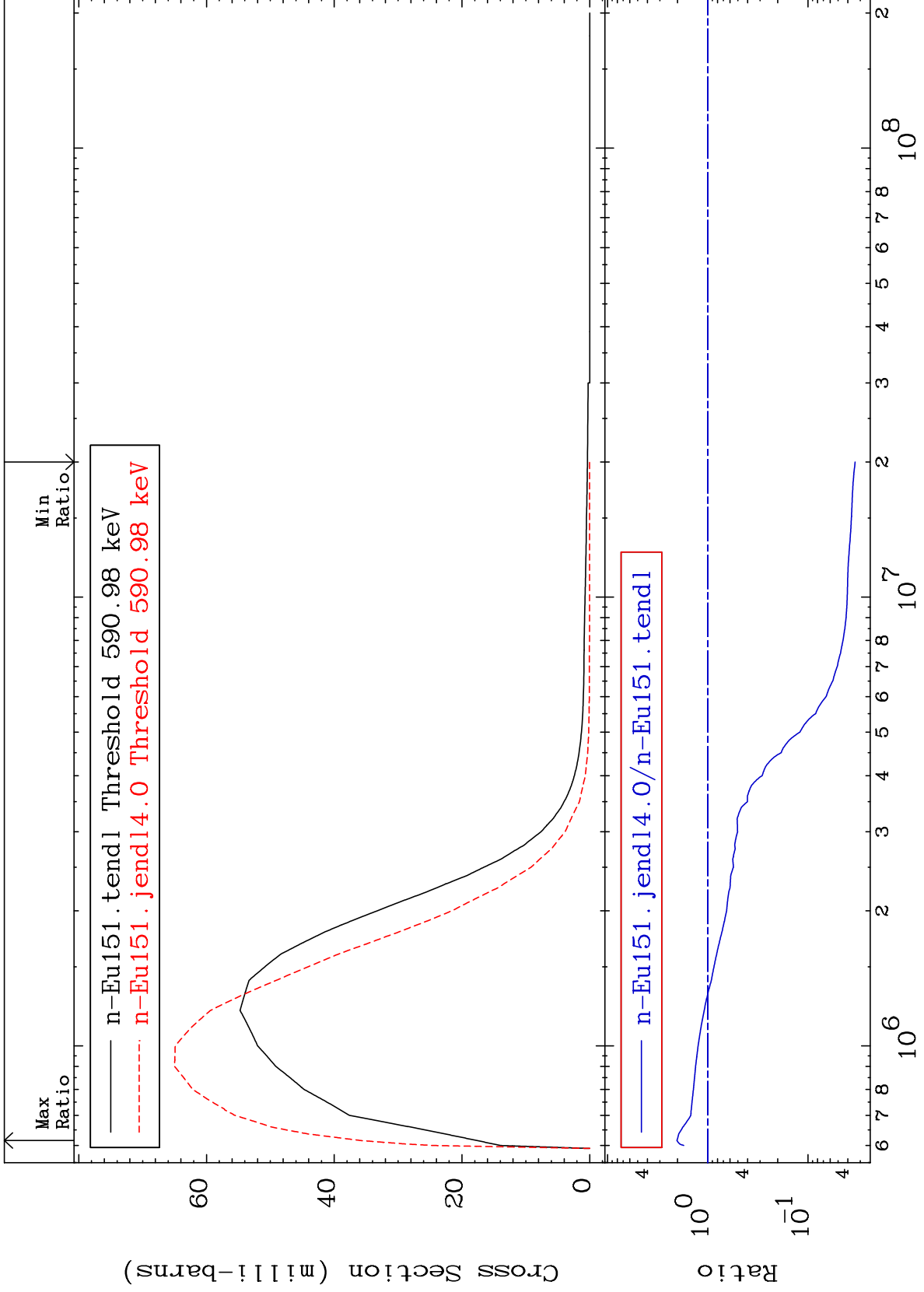
63-Eu-151  
-80.96 To 95.35 %



MAT 6325

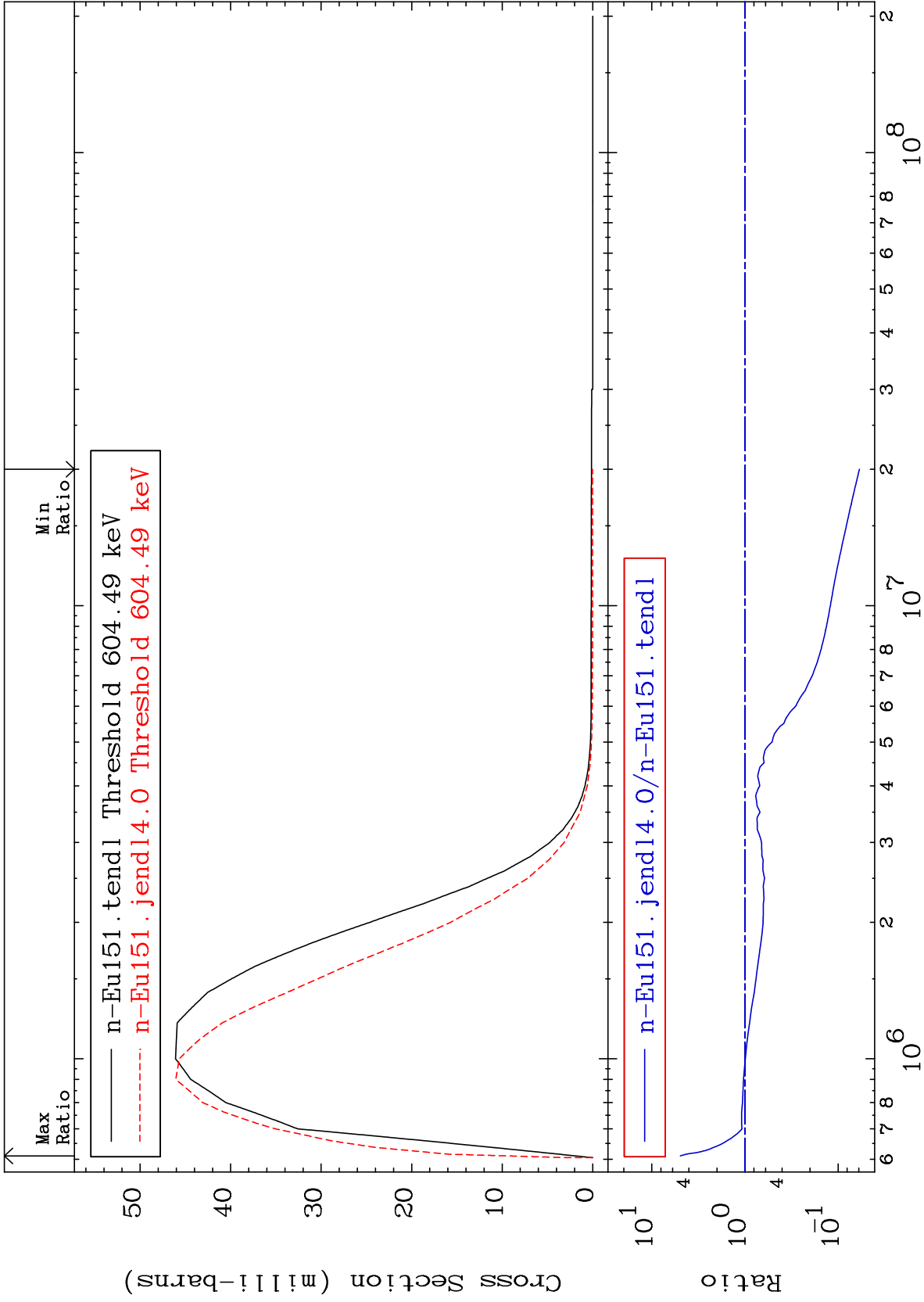
MT= 74 (n,n') Level  
Cross Section

63-Eu-151  
-96.62 To 103.1 %



35

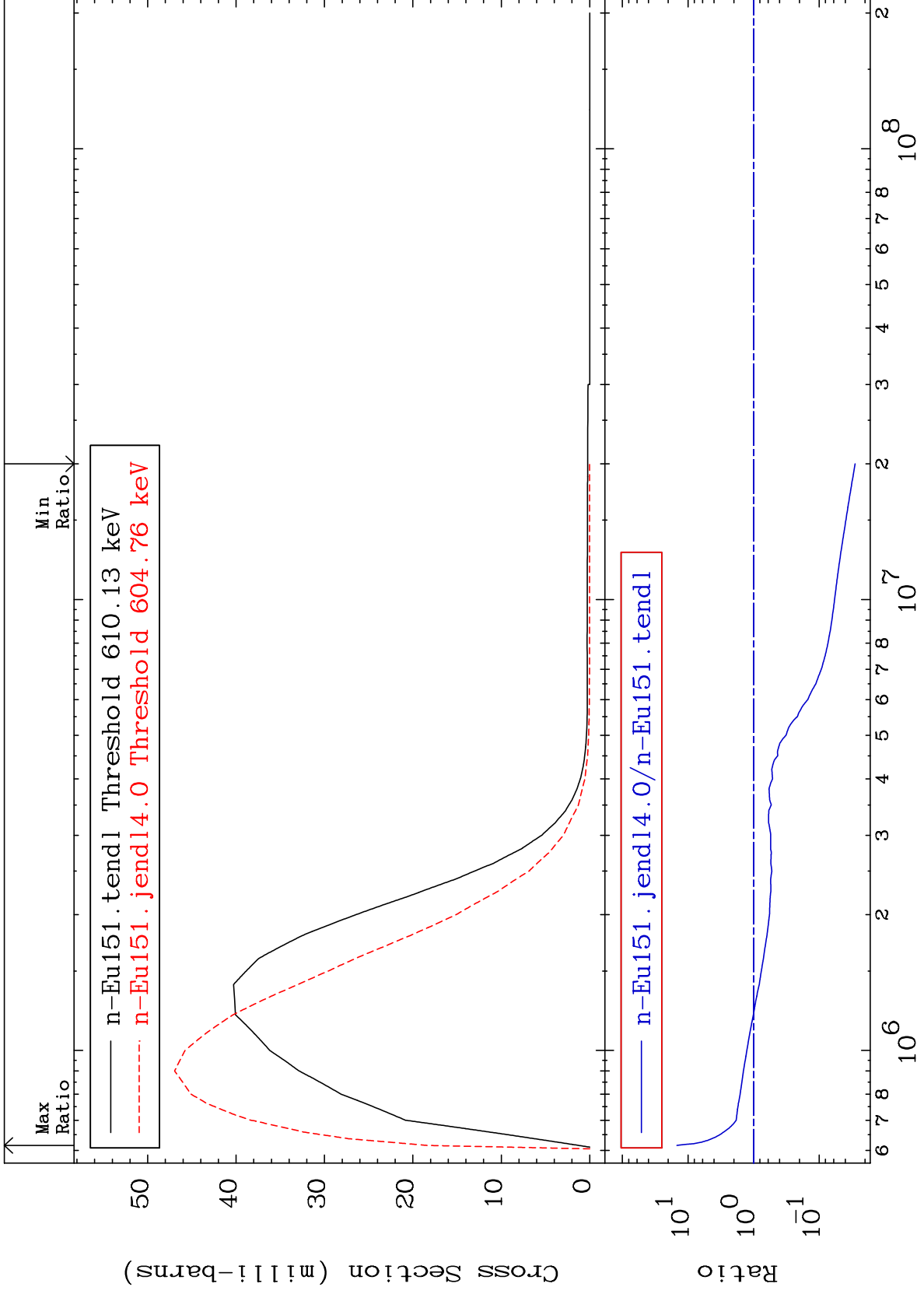
63-Eu-151



MAT 6325

MT= 76 (n,n') Level  
Cross Section

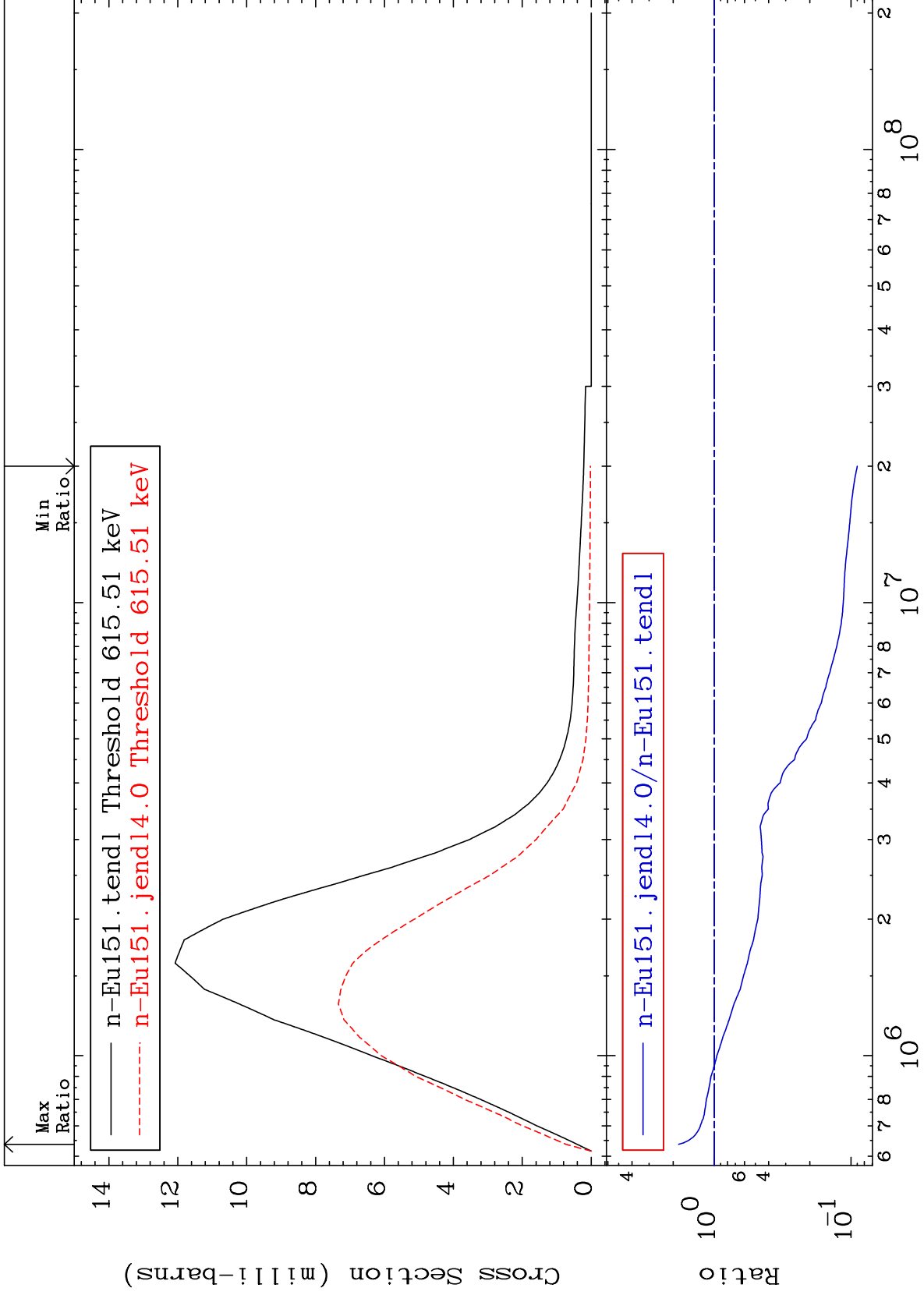
63-Eu-151  
-97.17 To 1375. %



MAT 6325

MT= 77 (n,n') Level  
Cross Section

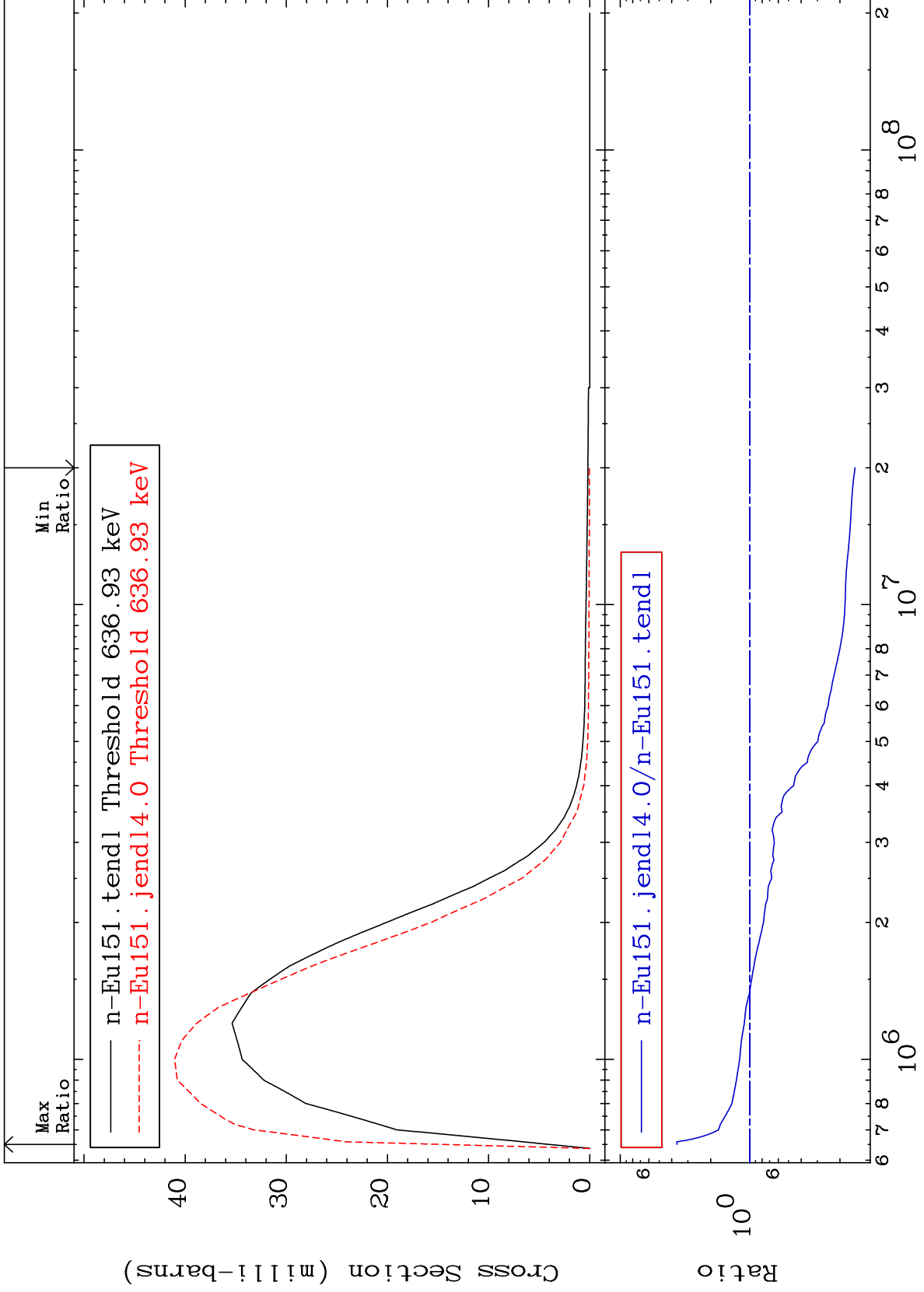
63-Eu-151  
-91.00 To 82.21 %



MAT 6325

MT= 78 (n,n') Level  
Cross Section

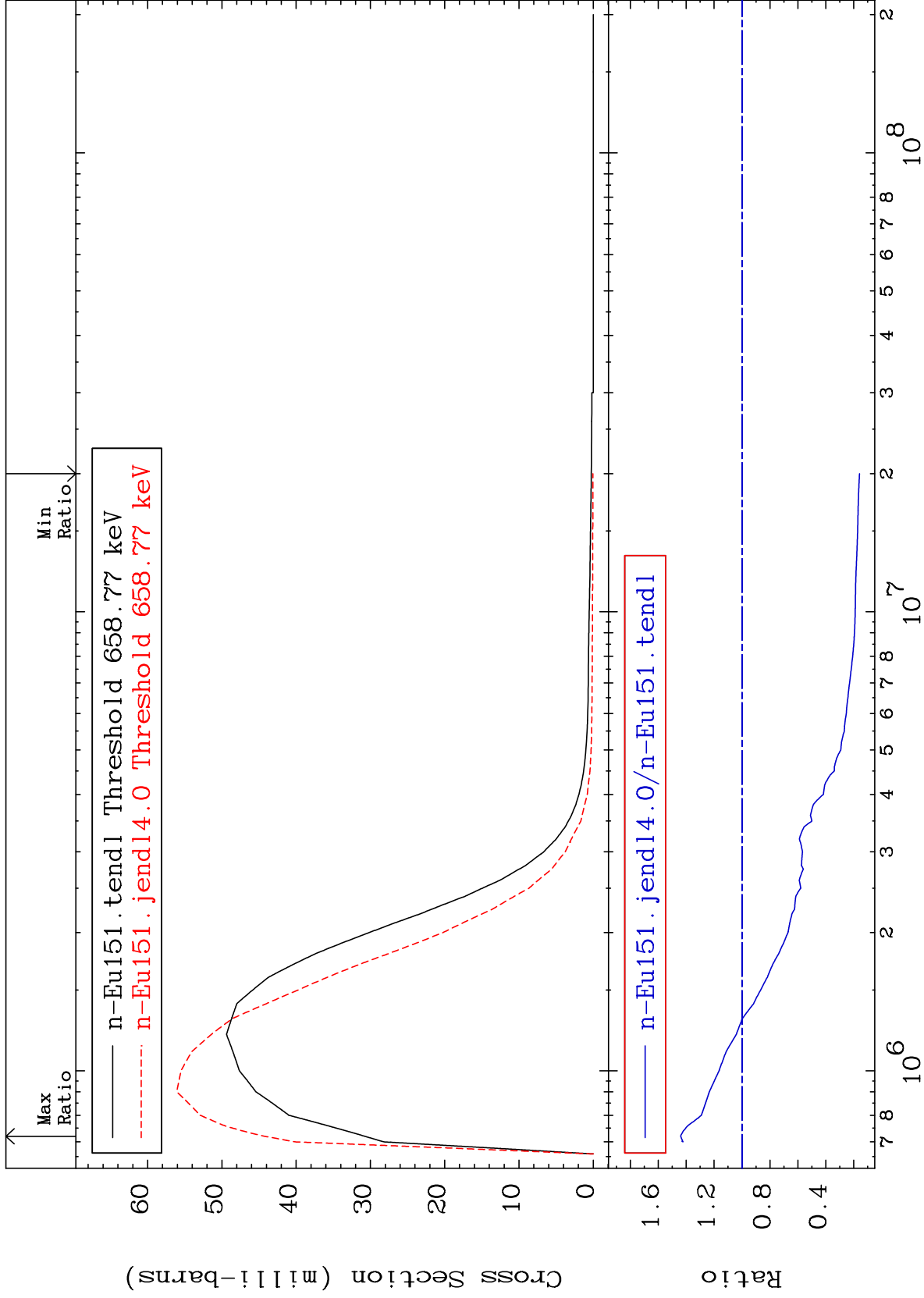
63-Eu-151  
-84.70 To 264.6 %



MAT 6325

MT= 79 (n,n') Level  
Cross Section

63-Eu-151  
-84.14 To 43.87 %



40

Incident Energy (eV)

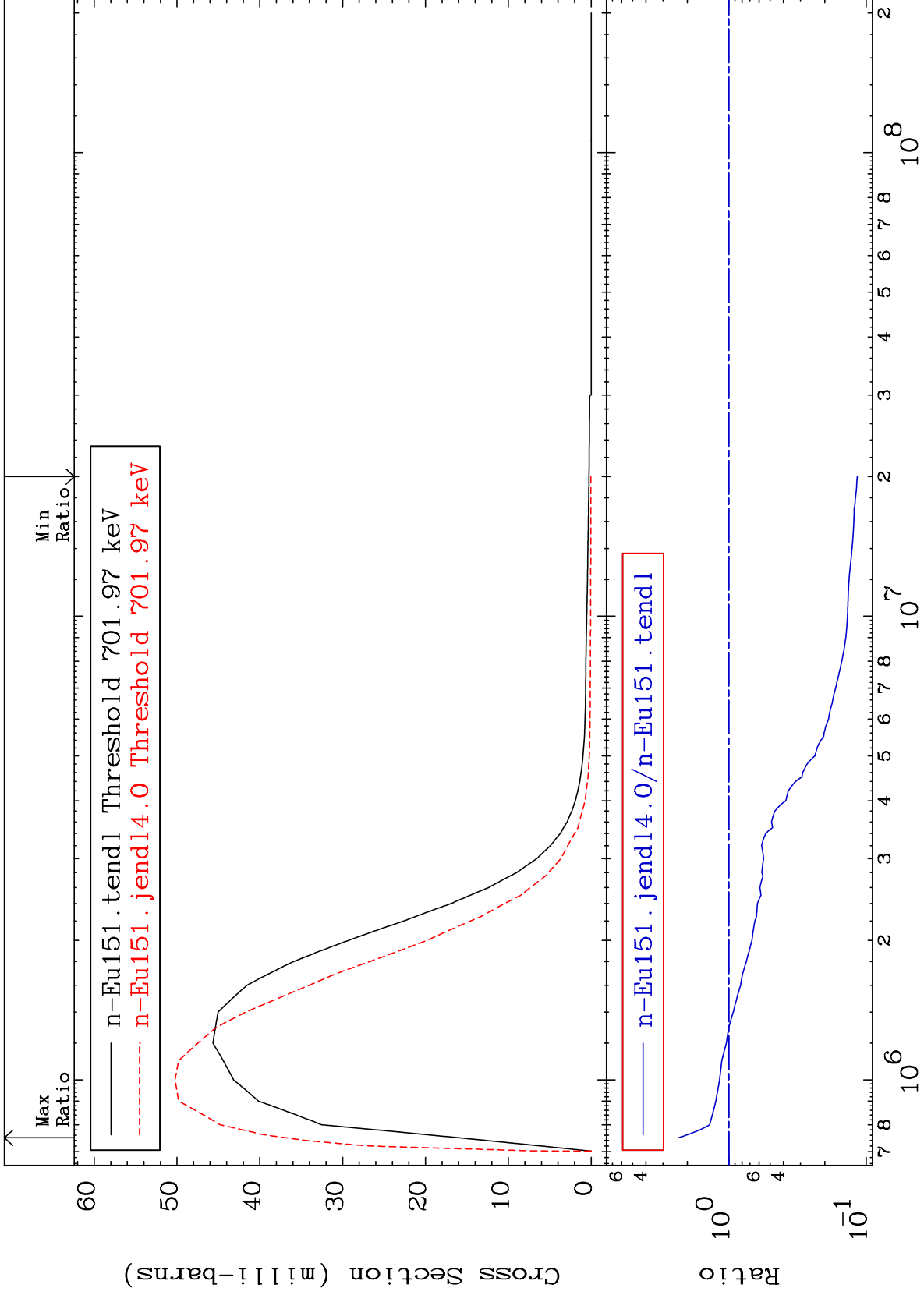
63-Eu-151

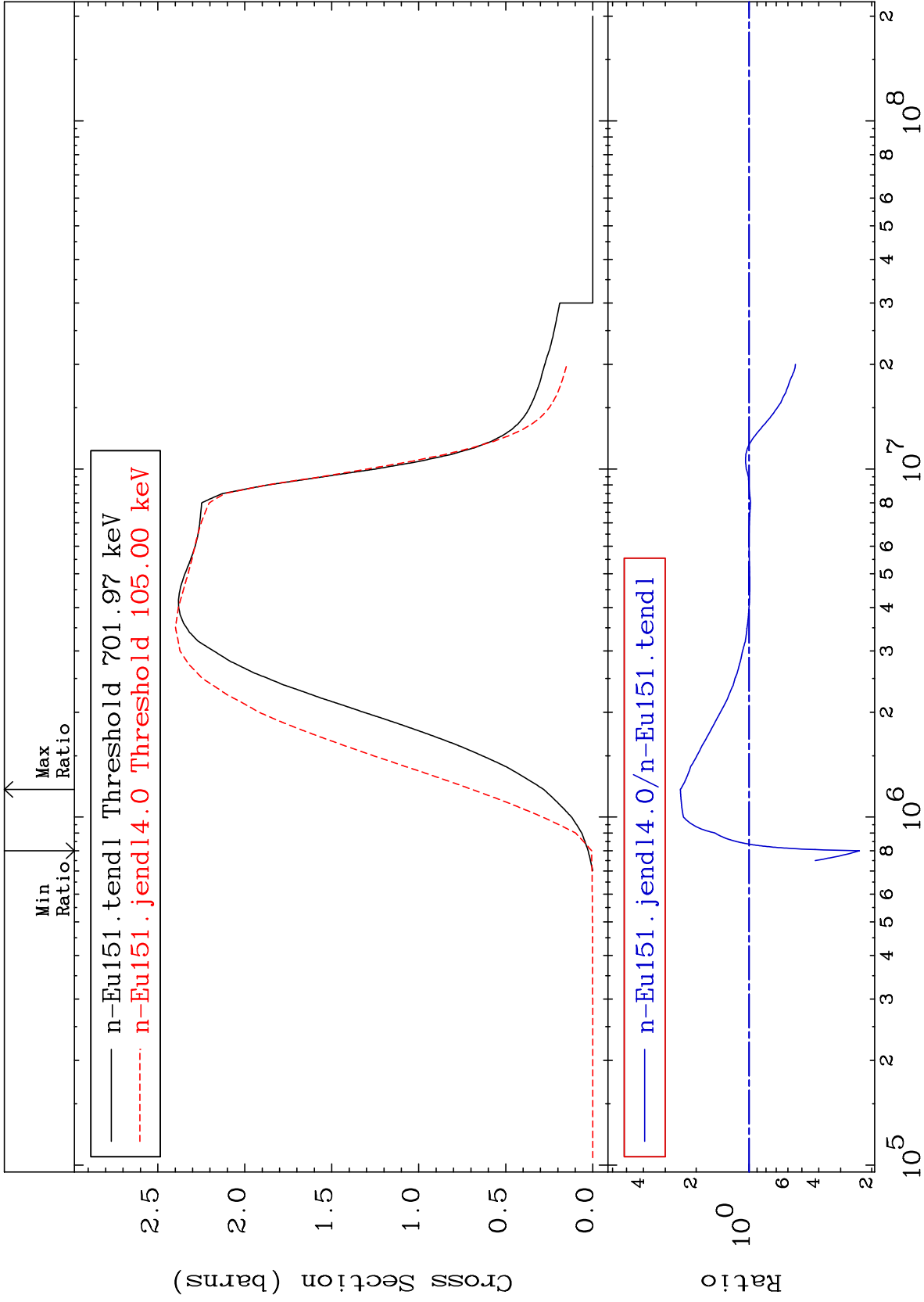


MAT 6325

MT= 80 (n,n') Level  
Cross Section

63-Eu-151  
-88.40 To 131.1 %

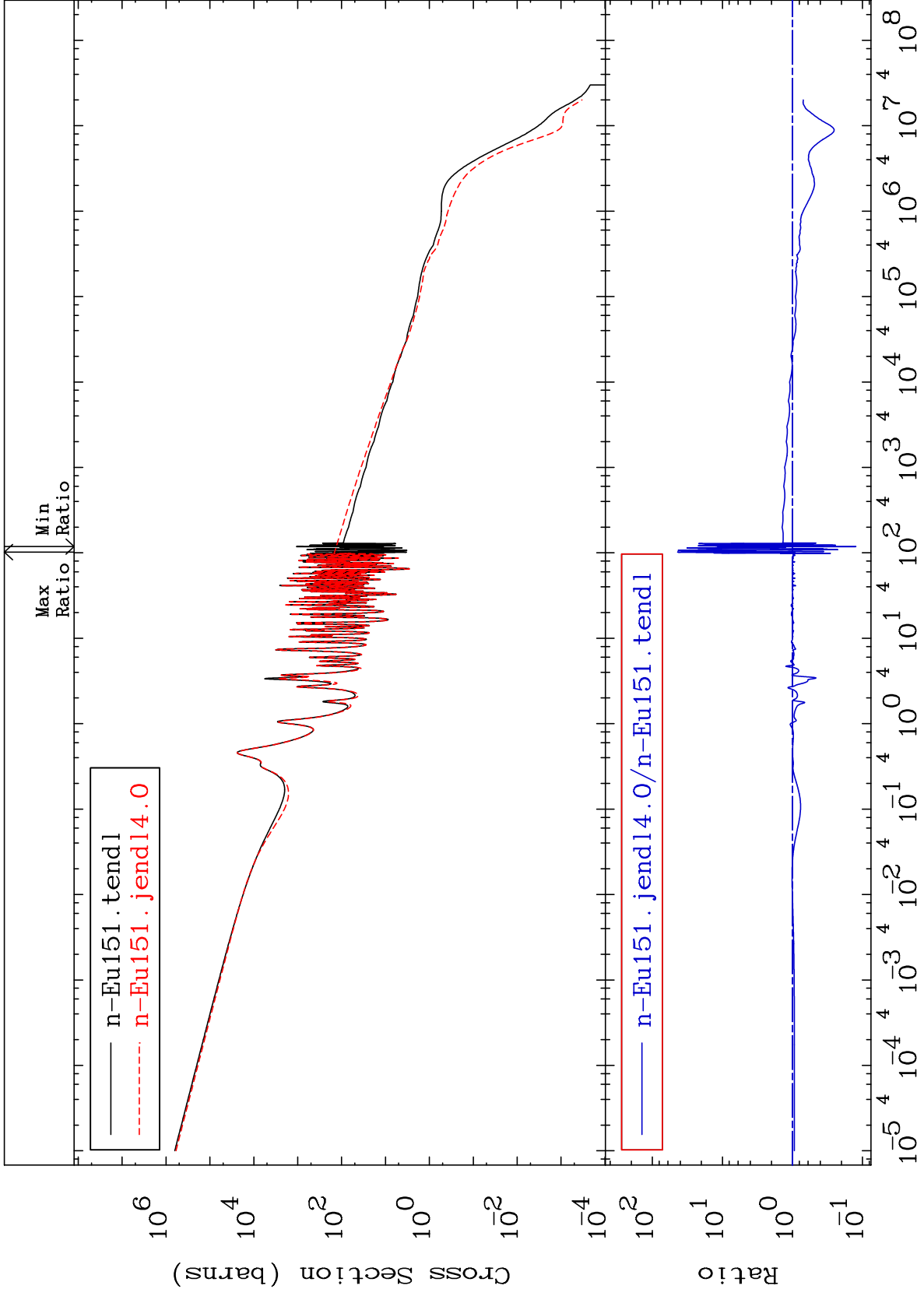


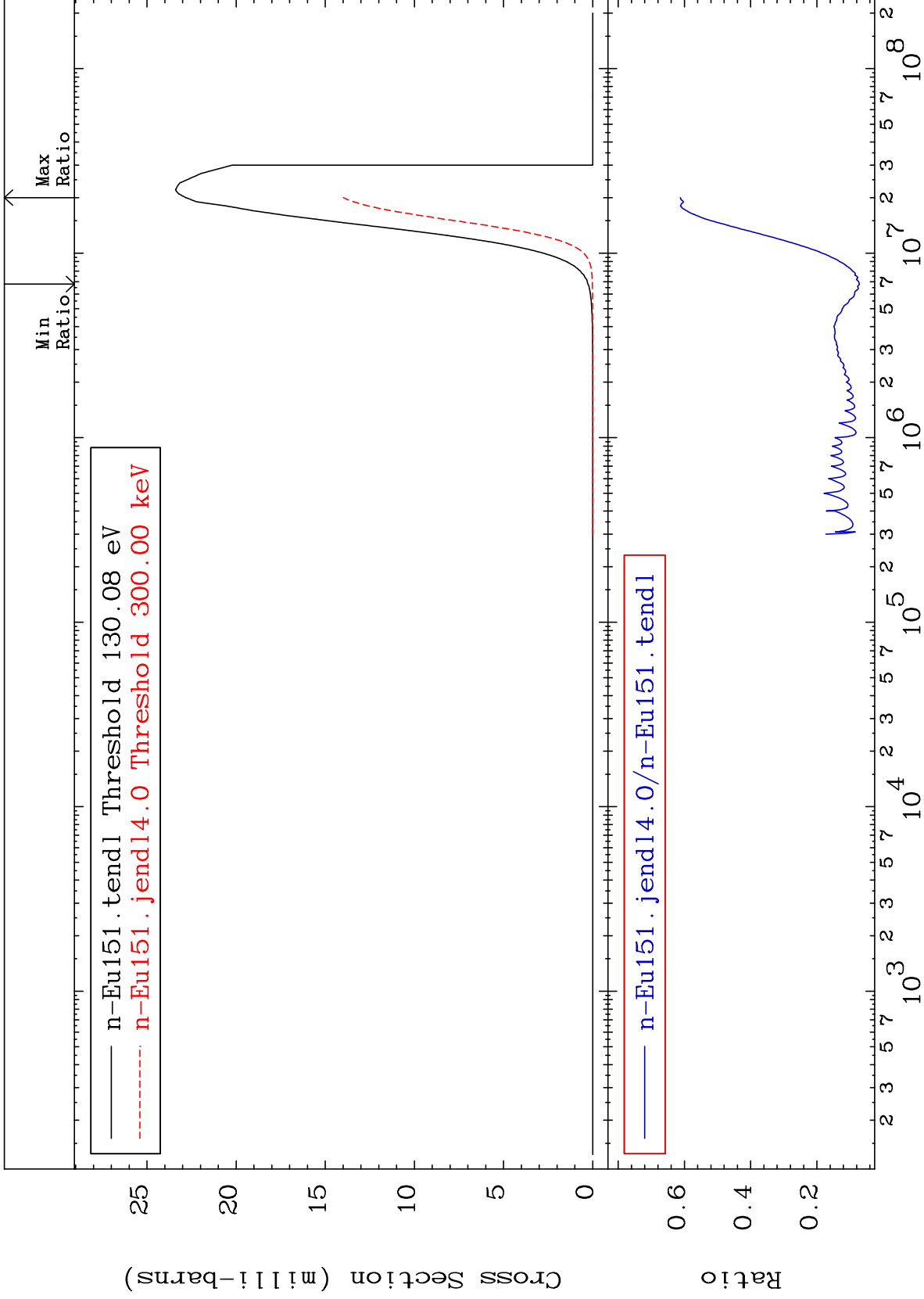


MAT 6325

(n,  $\gamma$ )  
Cross Section

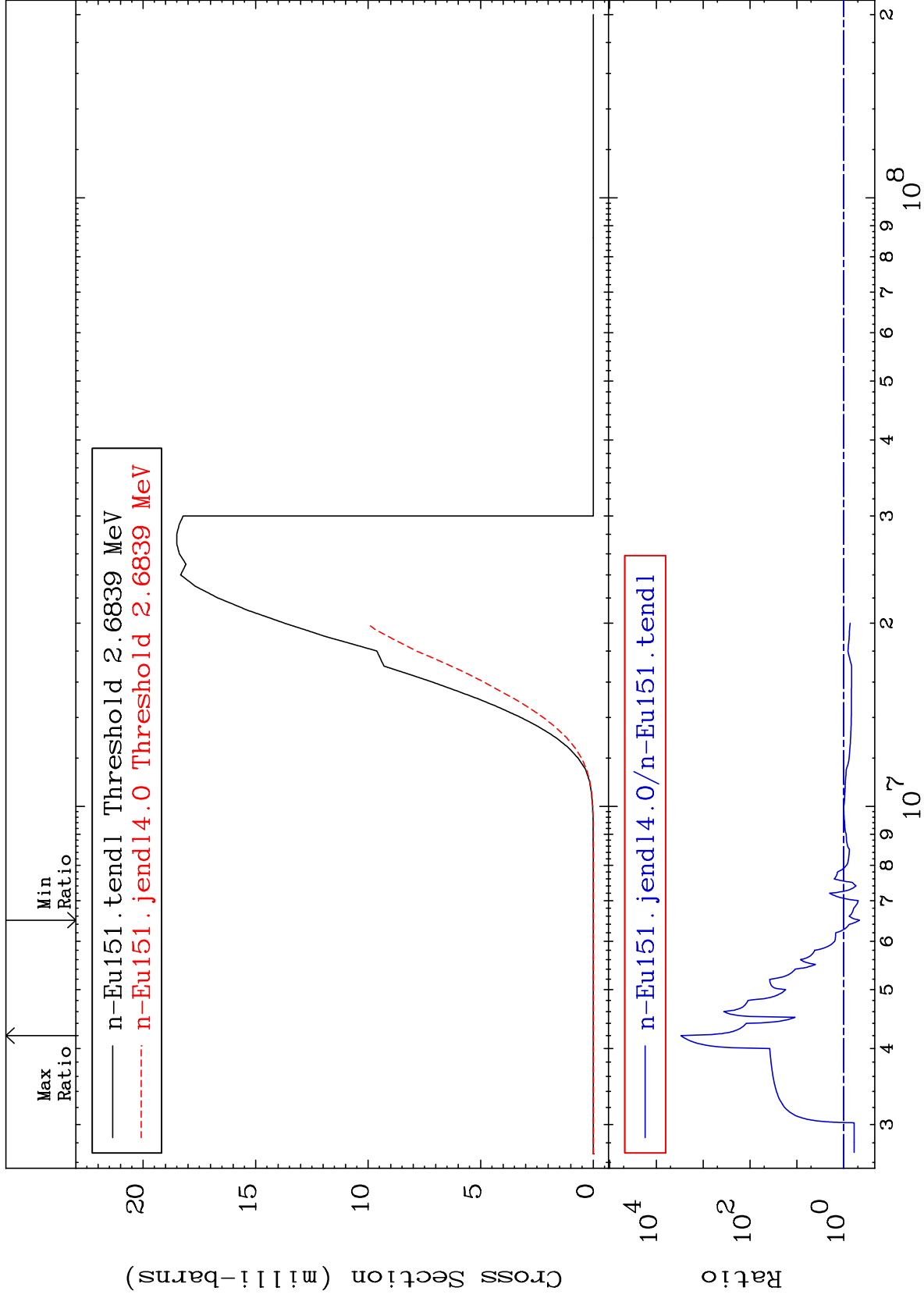
63-Eu-151  
-87.52 To 4286. %





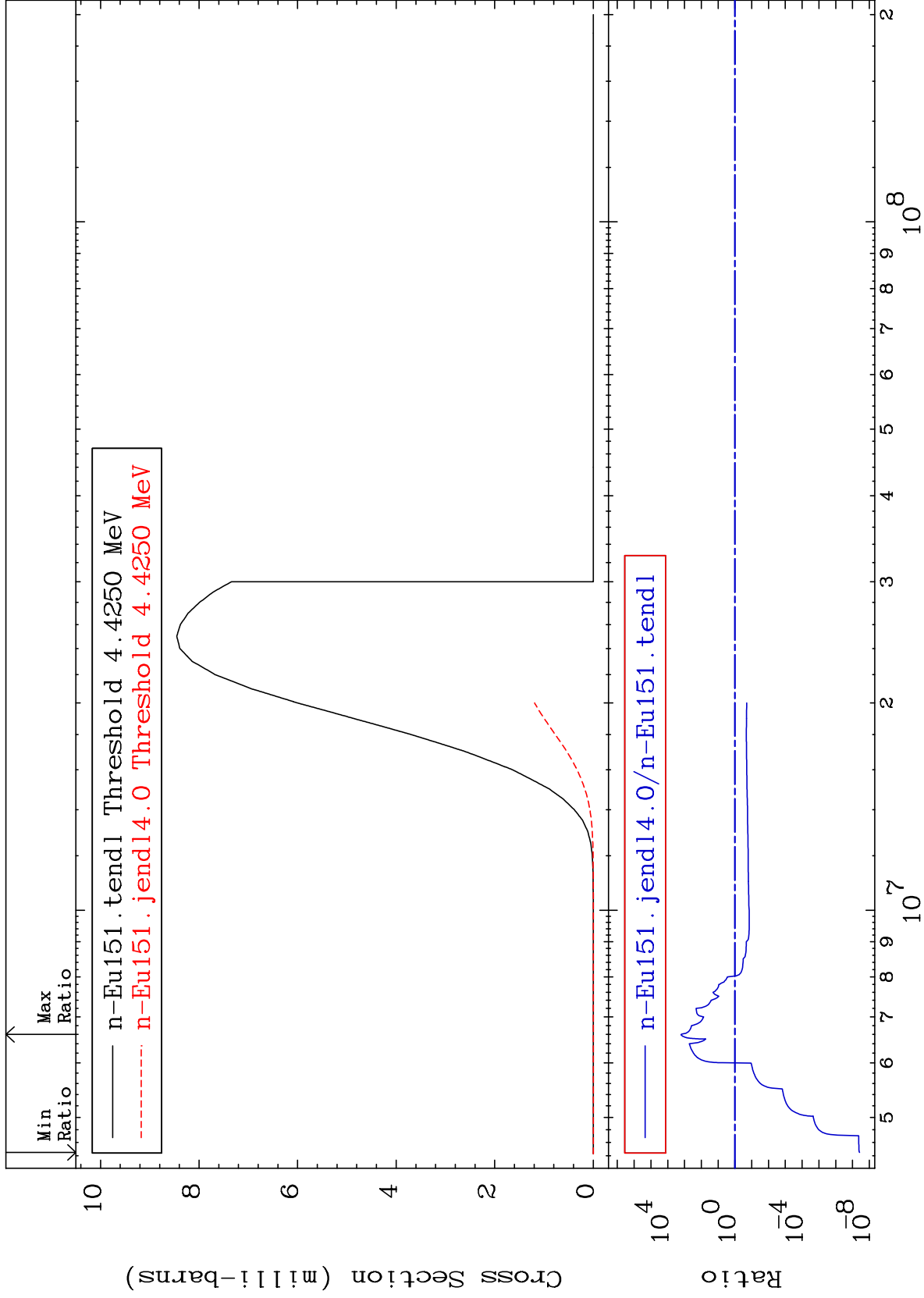
Cross Section

-53.92 To 9999. %



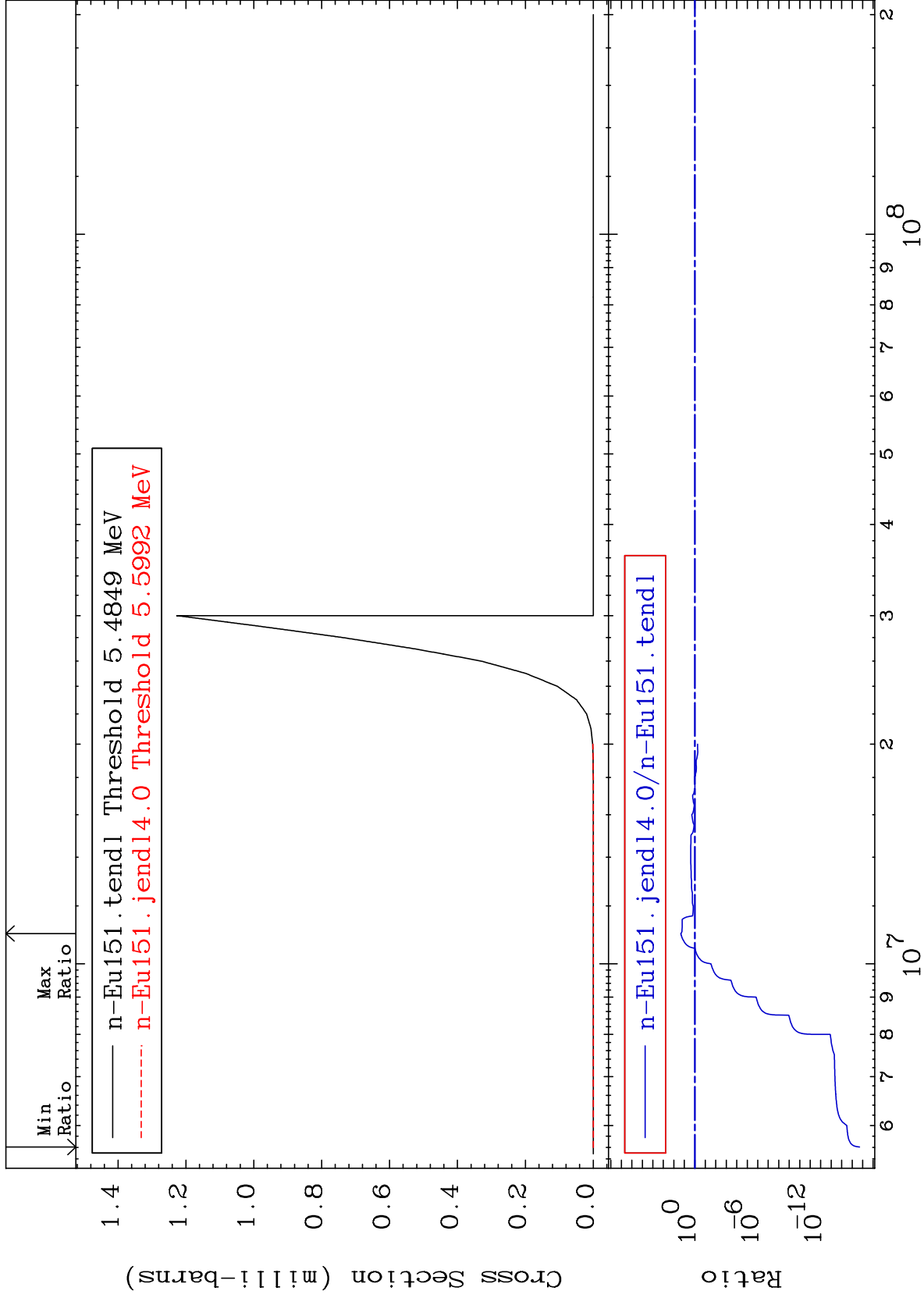
Cross Section

-100.0 To 9999. %



Cross Section

-100.0 To 2069. %



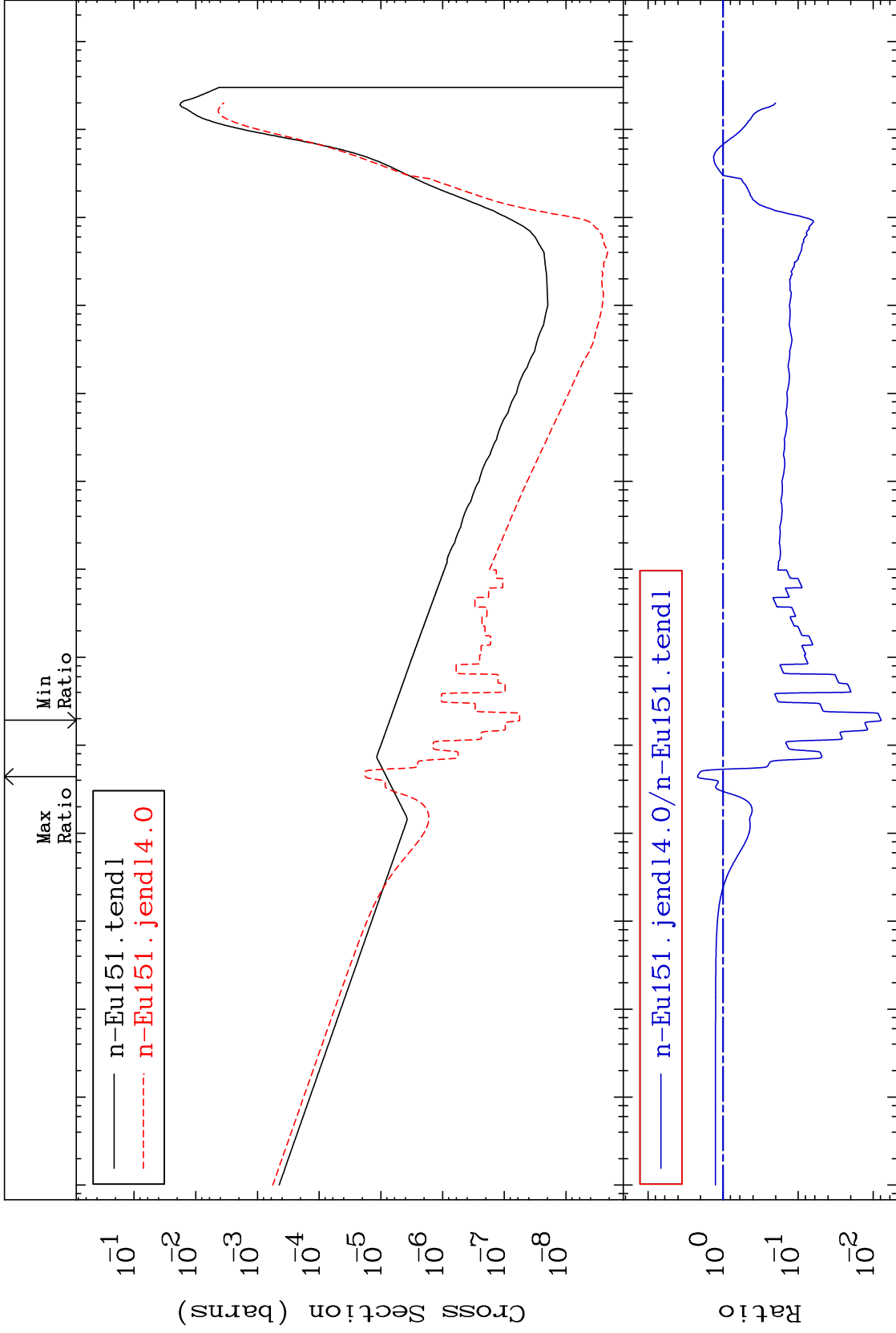
MAT 6325

(n,  $\alpha$ )

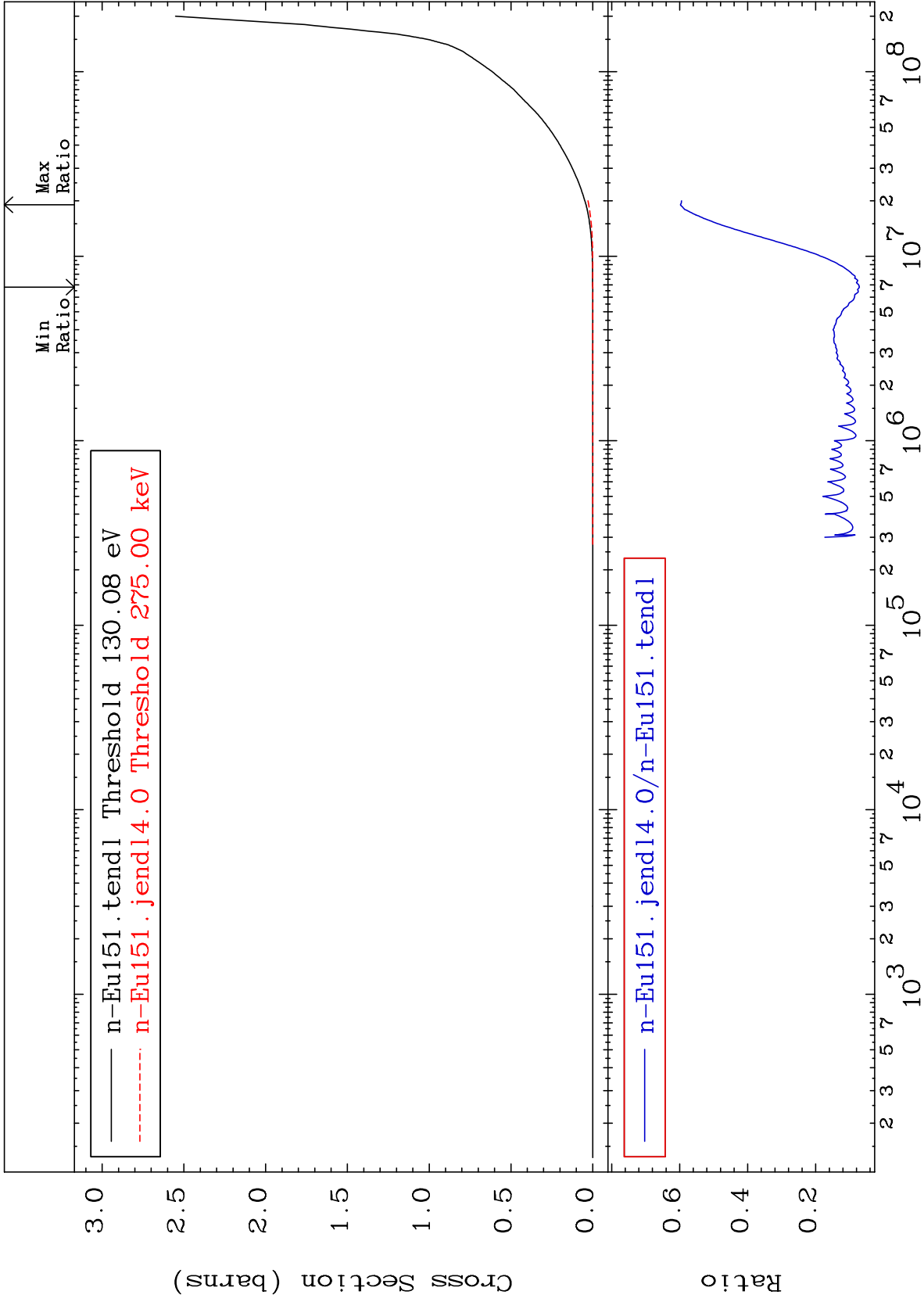
63-Eu-151

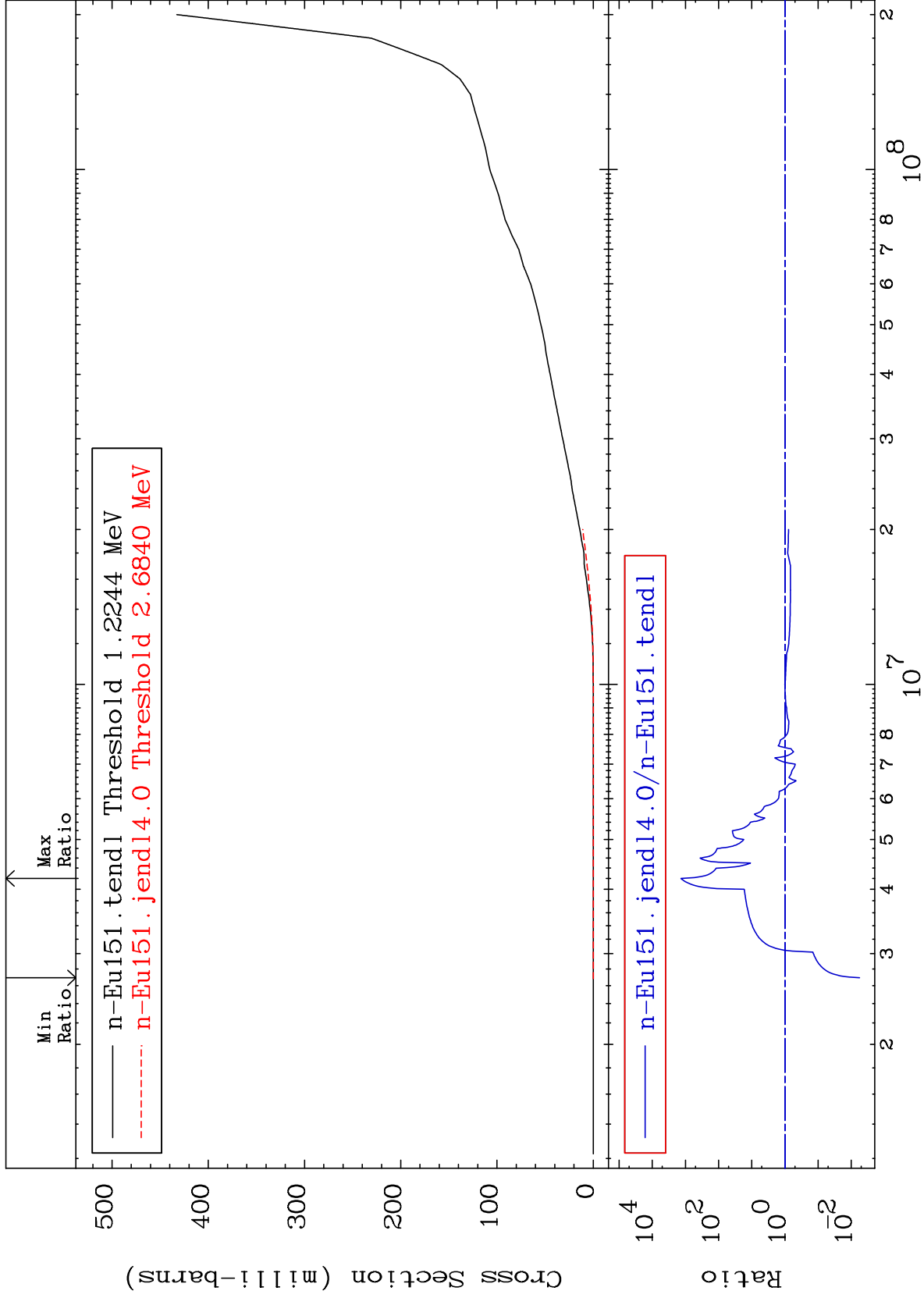
Cross Section

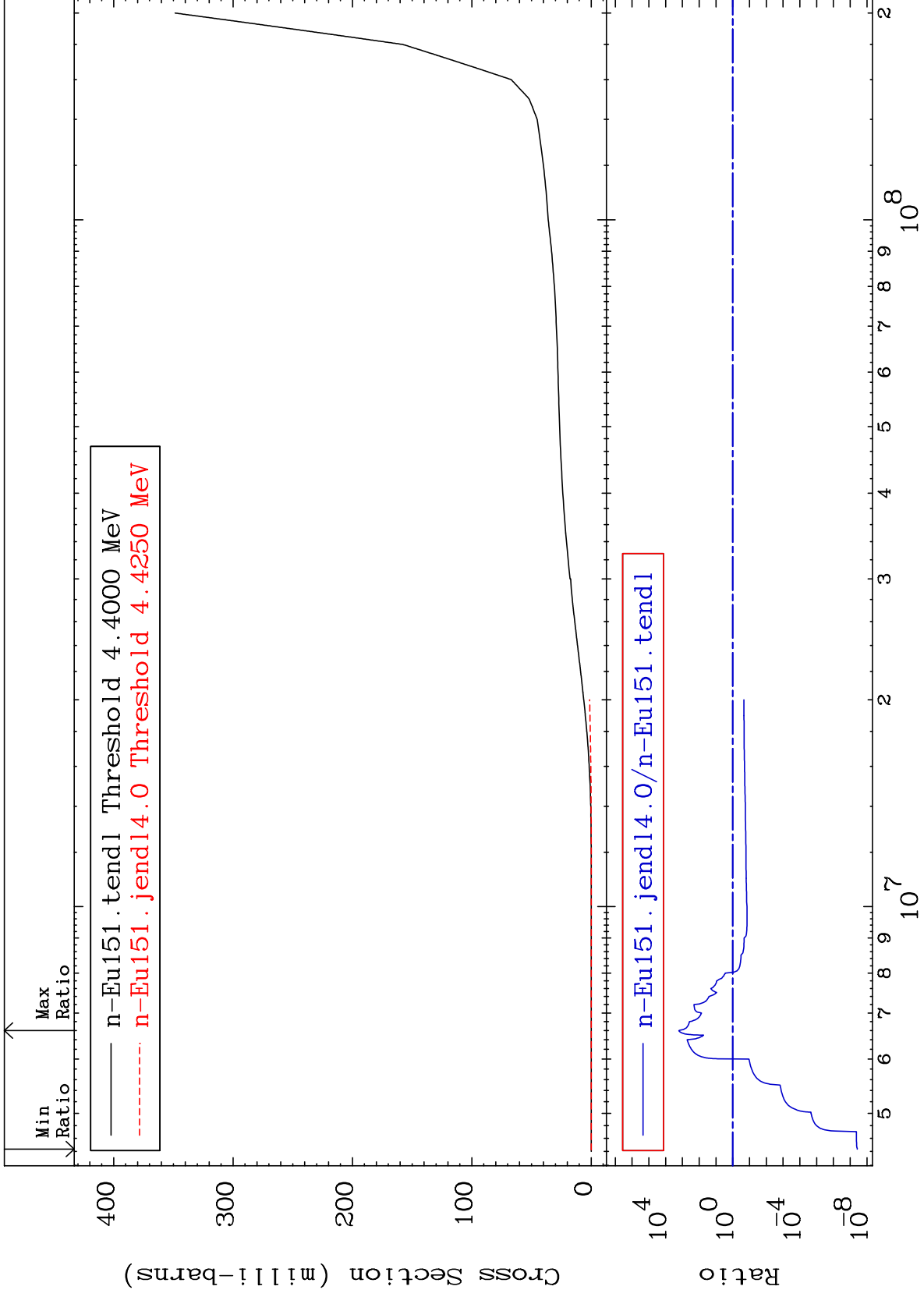
-99.21 To 119.6 %

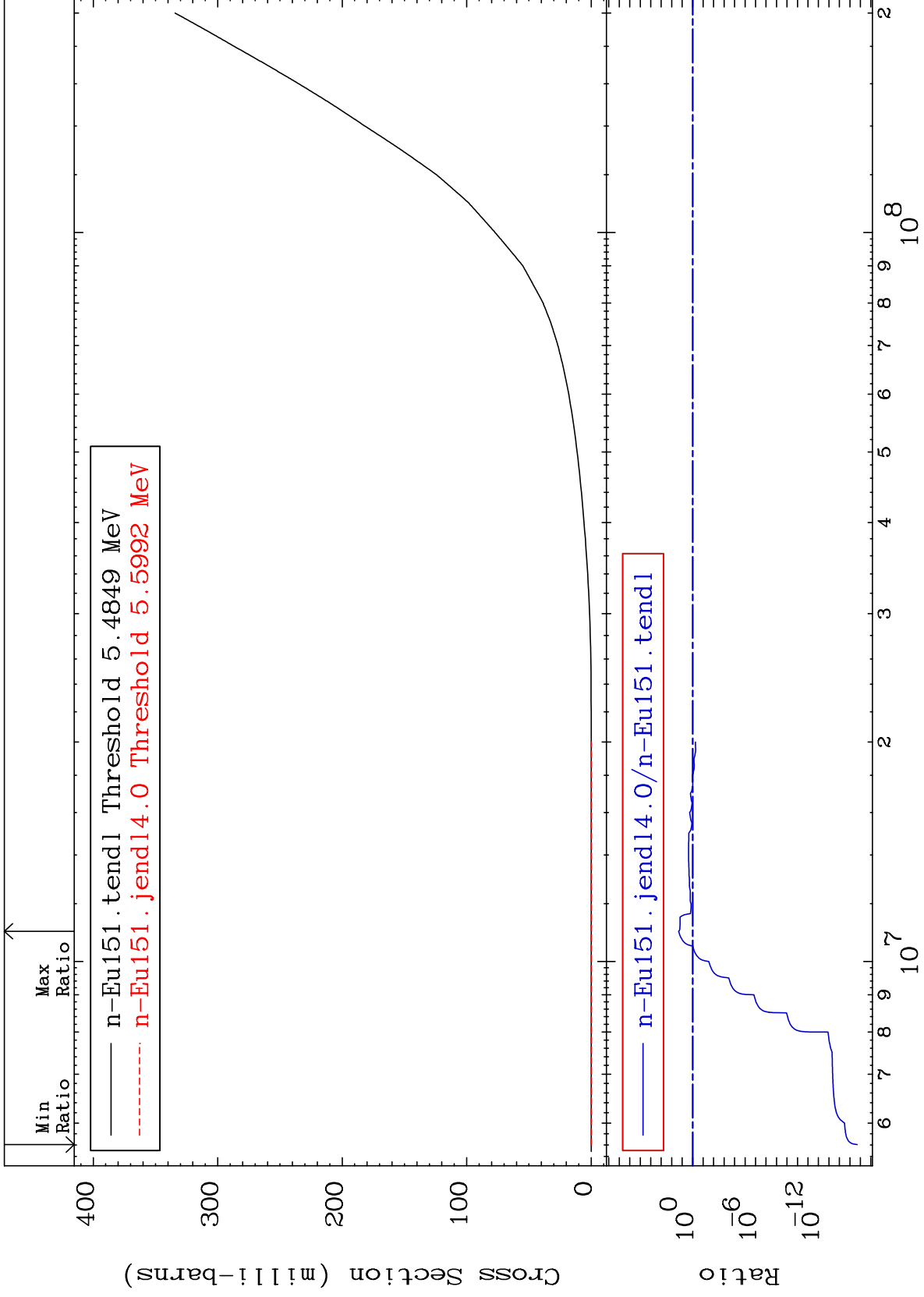


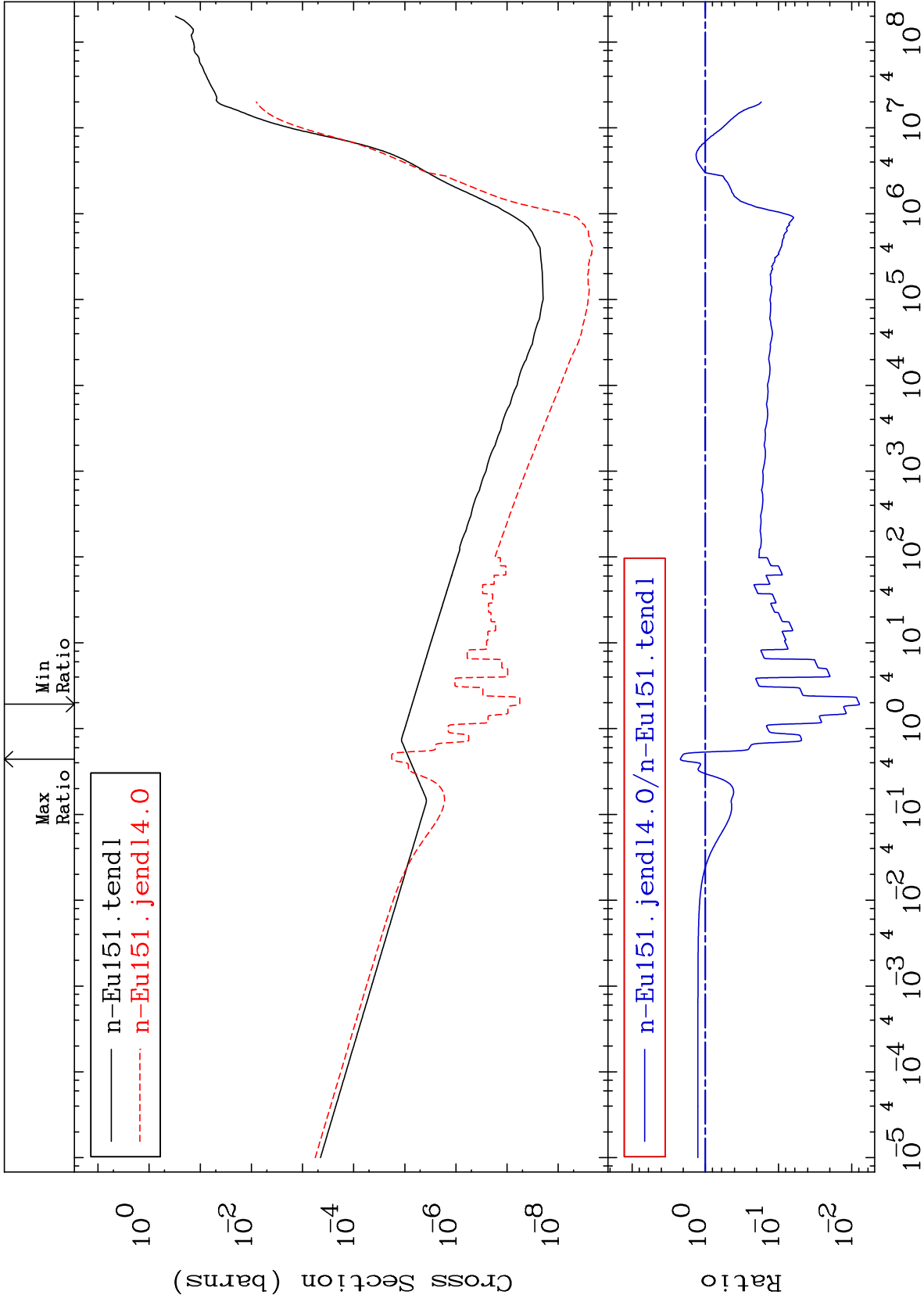


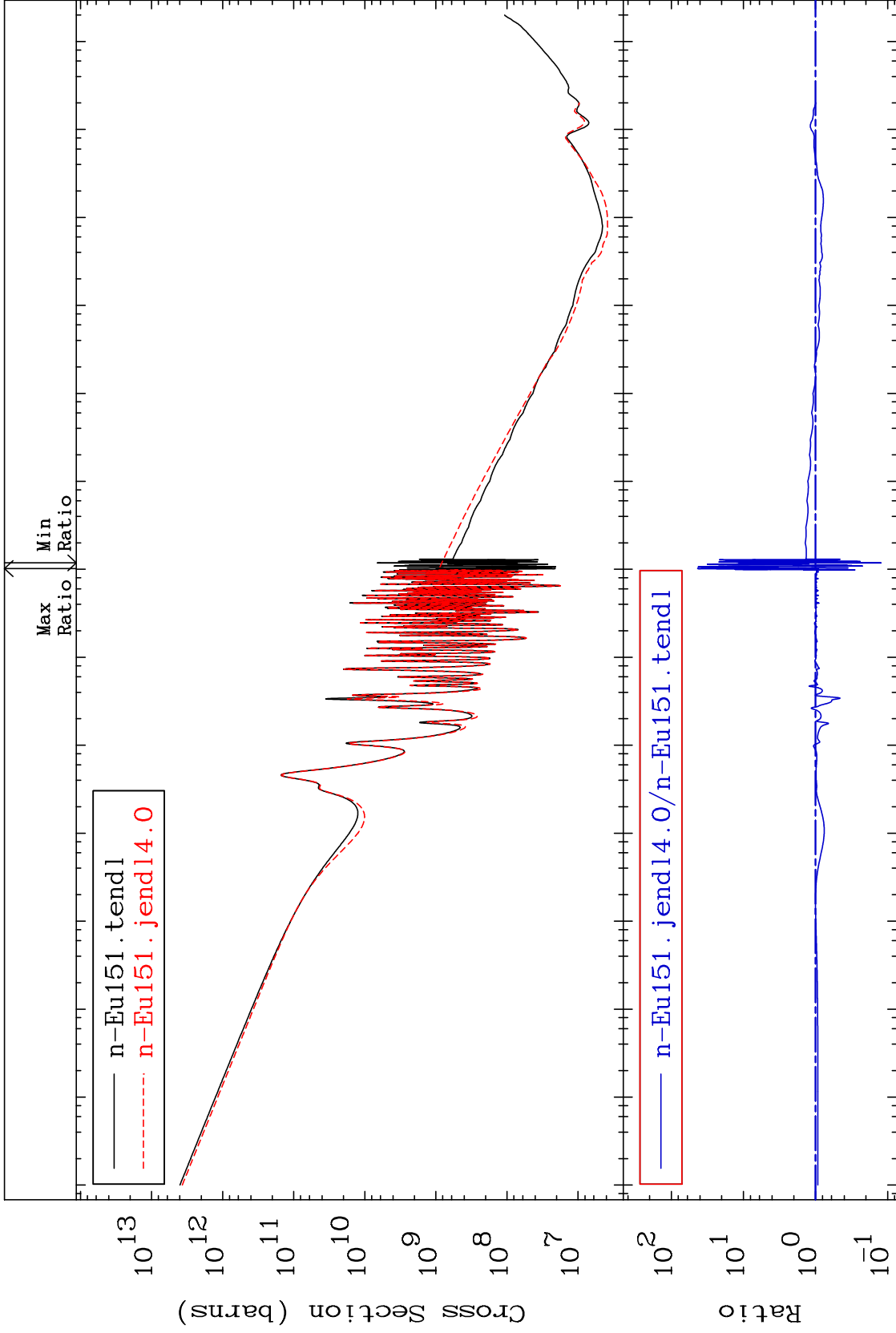








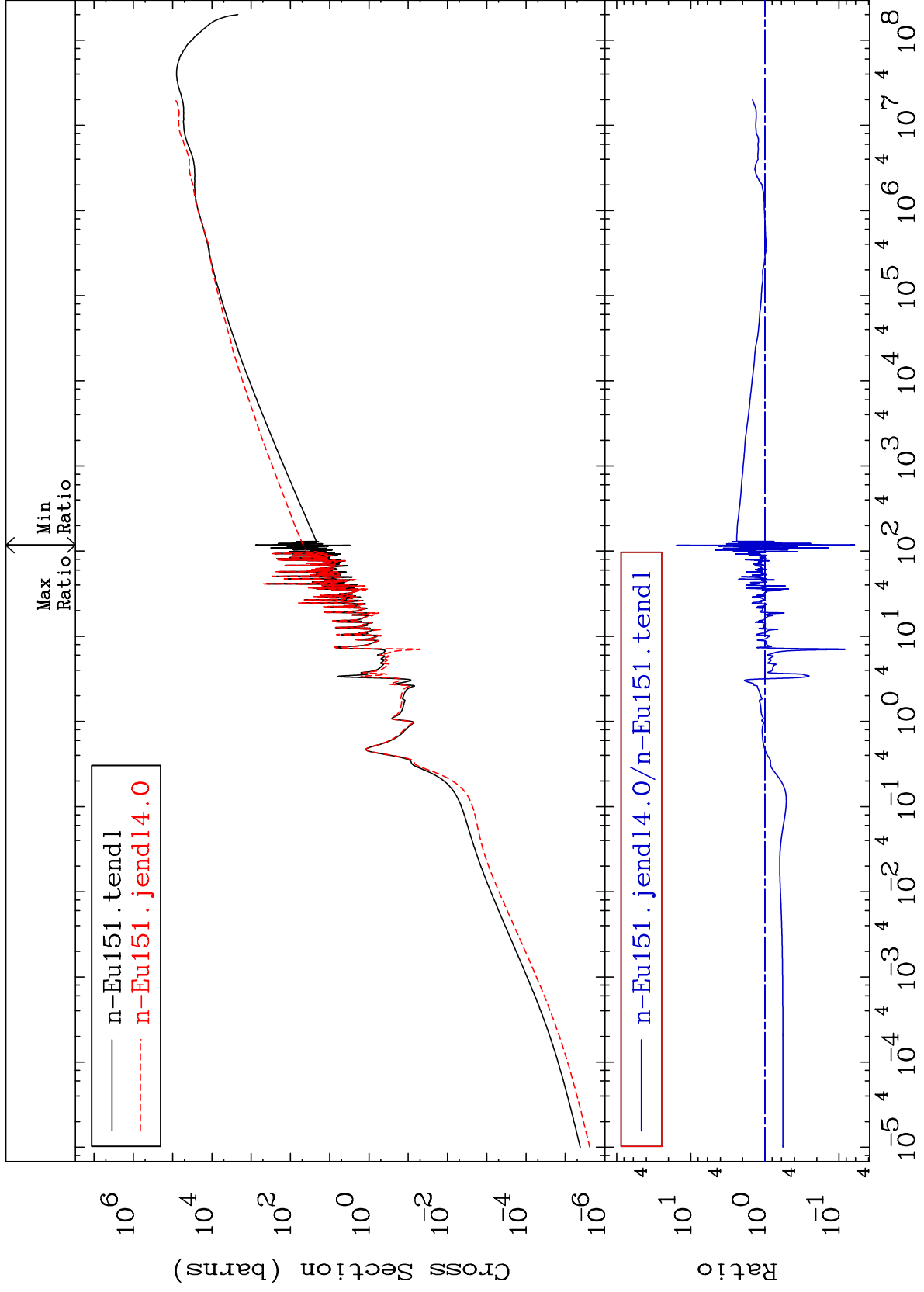


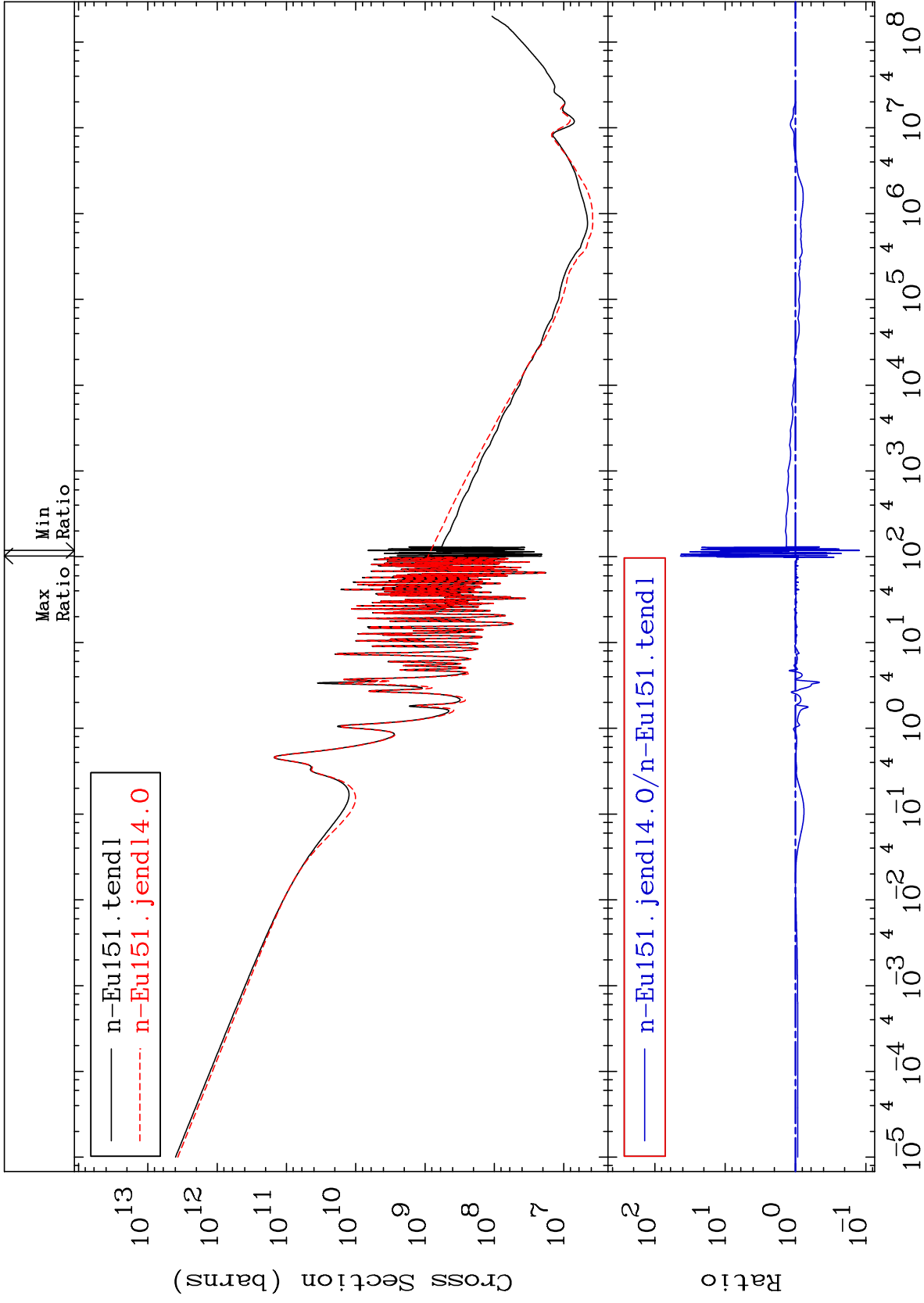


MAT 6325

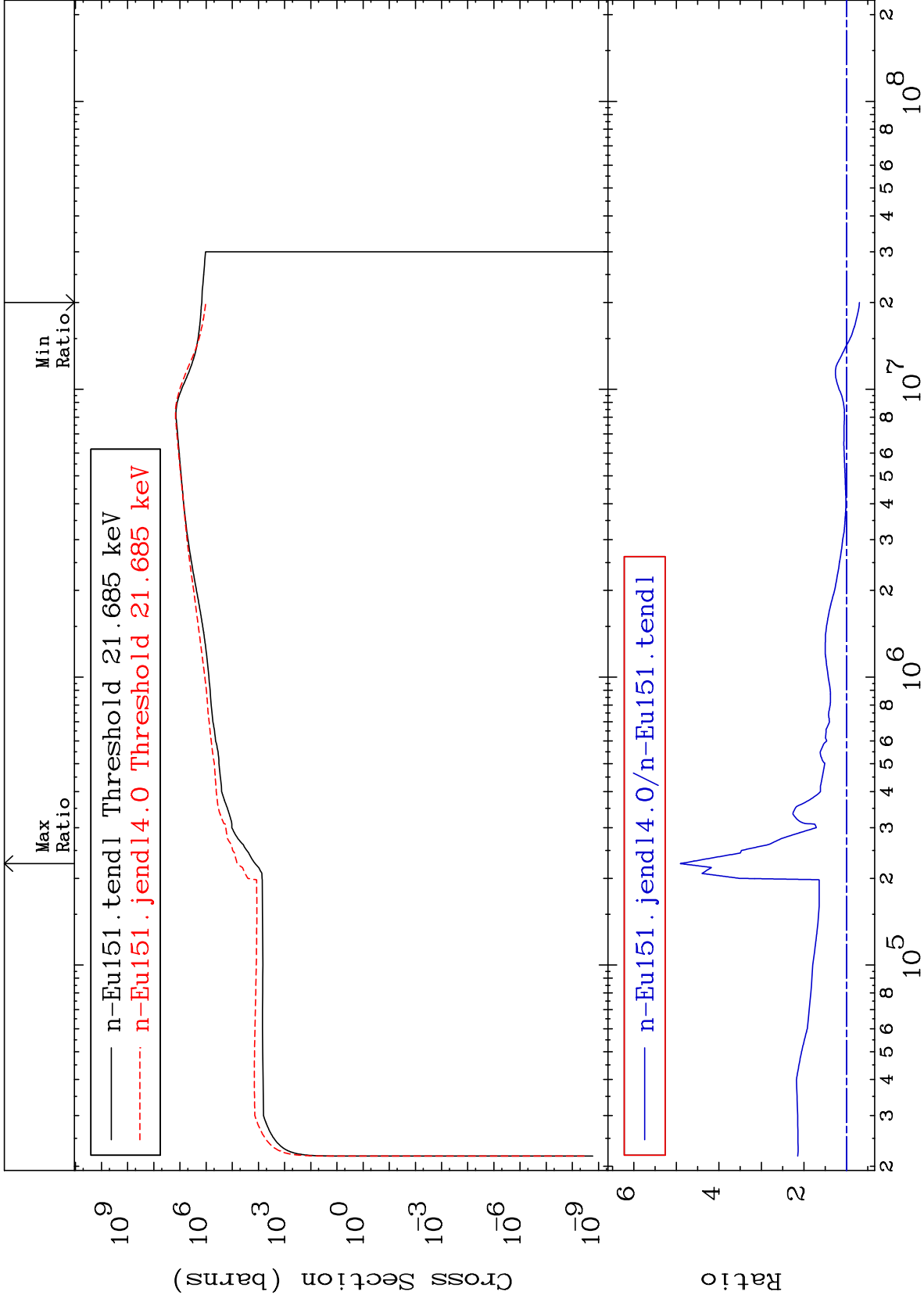
Kerma elastic  
Cross Section

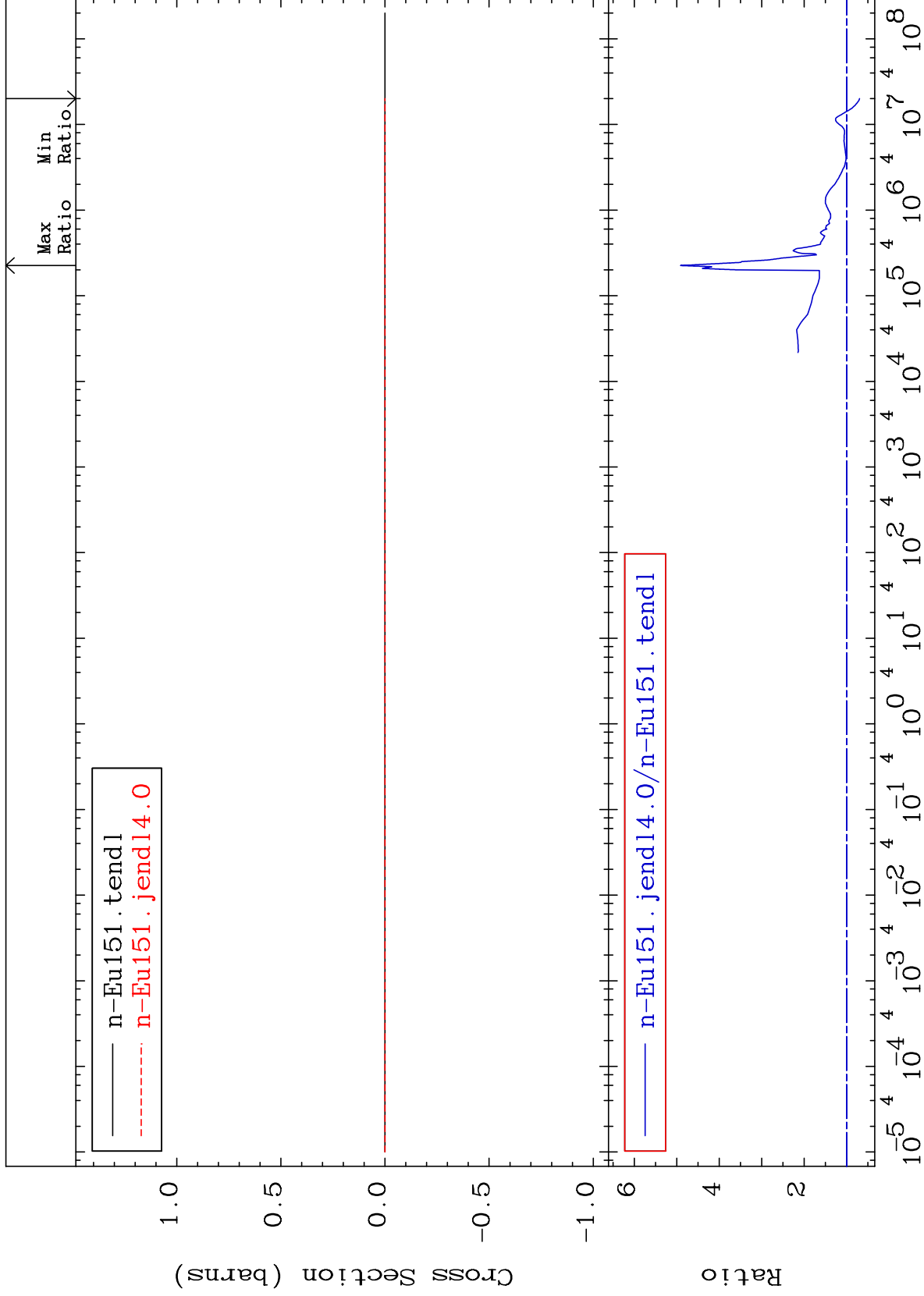
63-Eu-151  
-93.81 To 1449. %

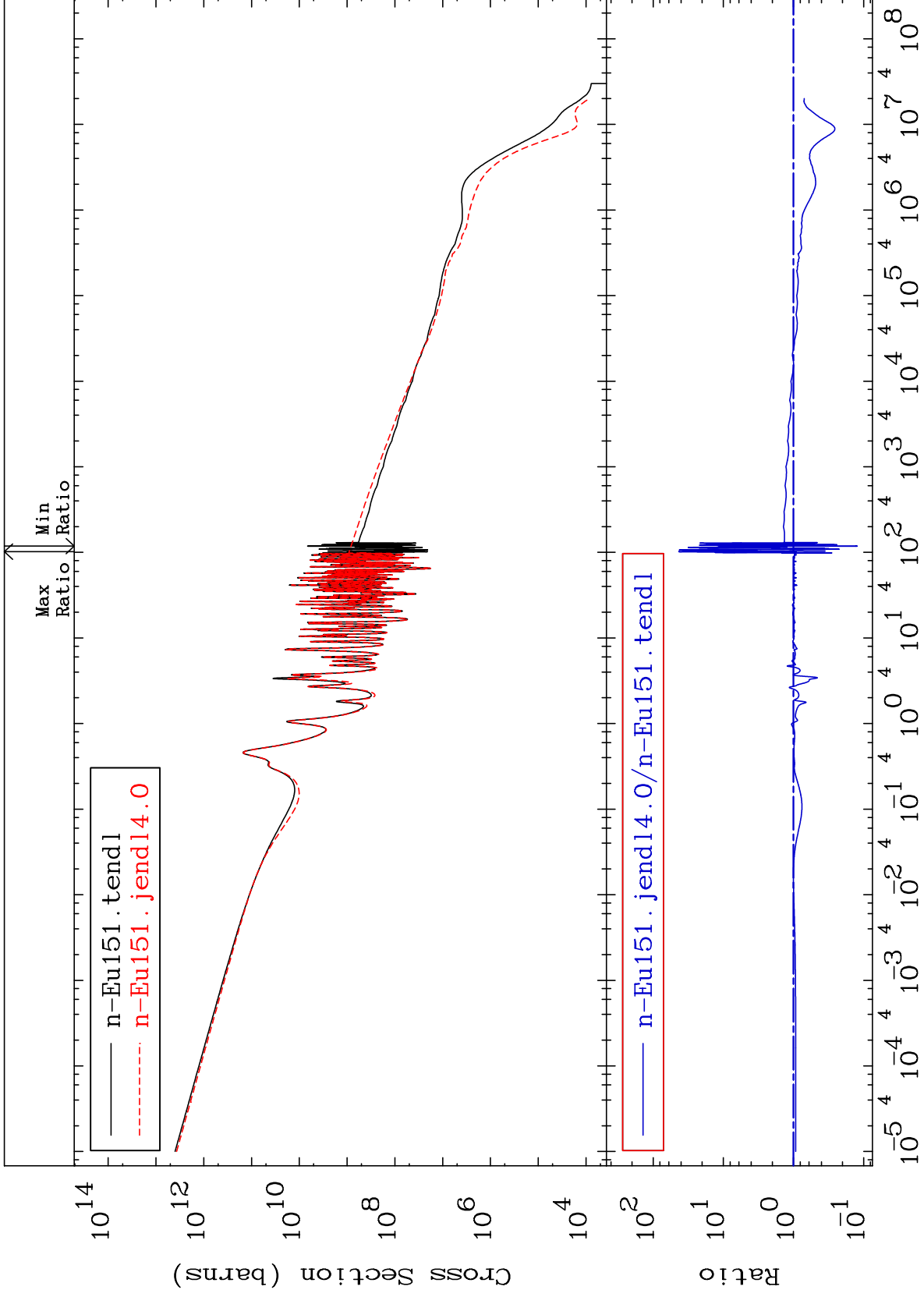










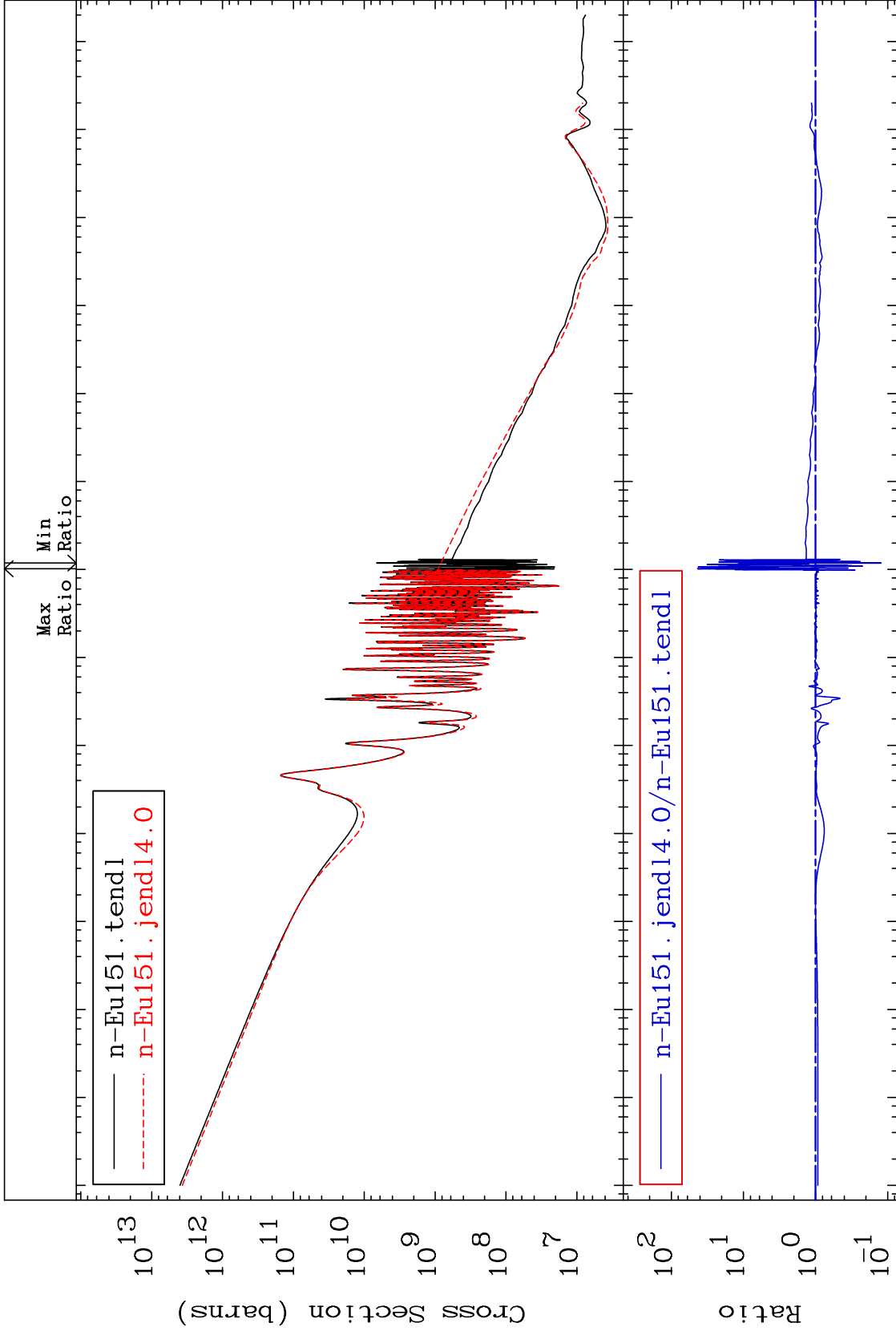


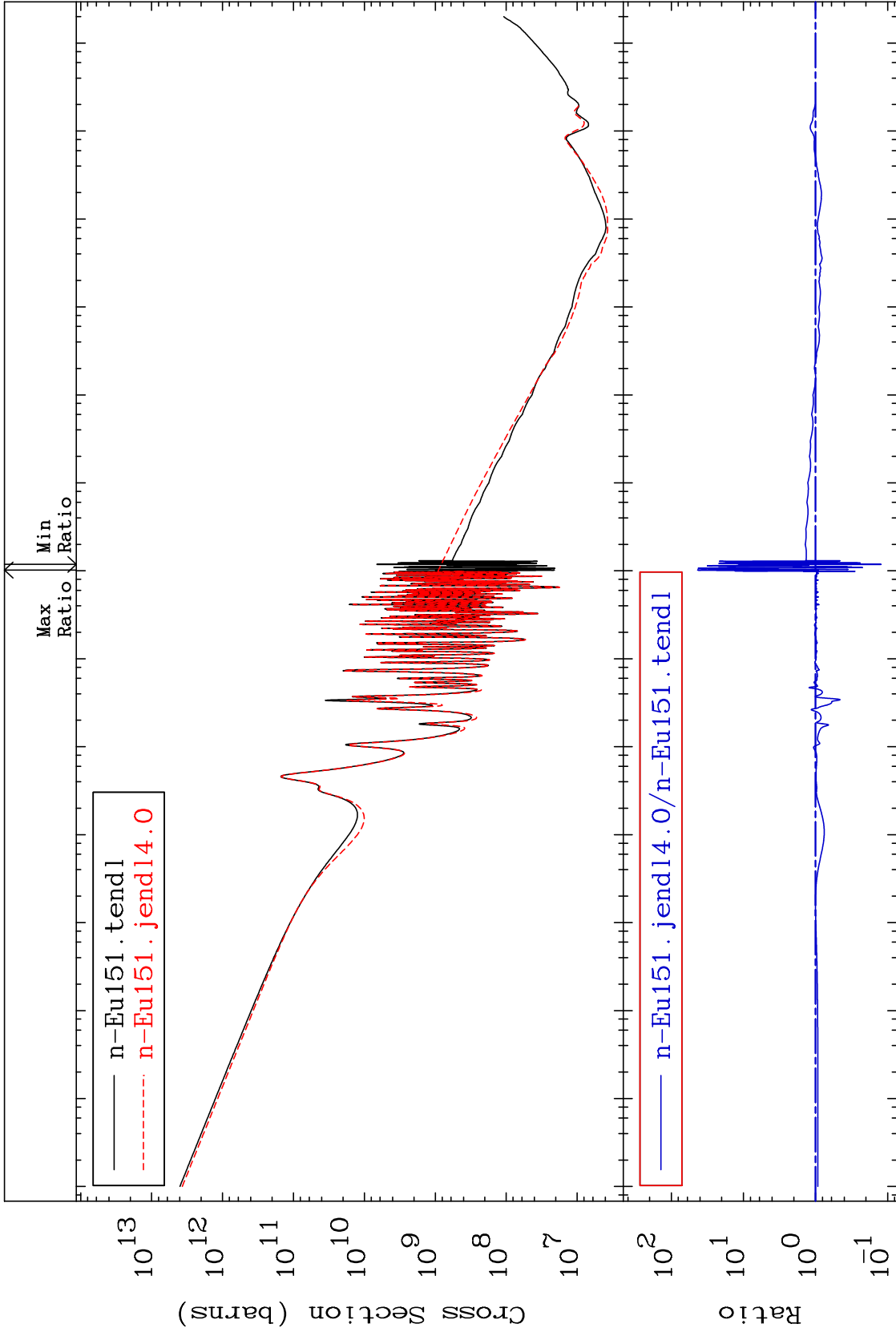
MAT 6325

Total photon (eV-barns)

63-Eu-151

-87.67 To 4233. %





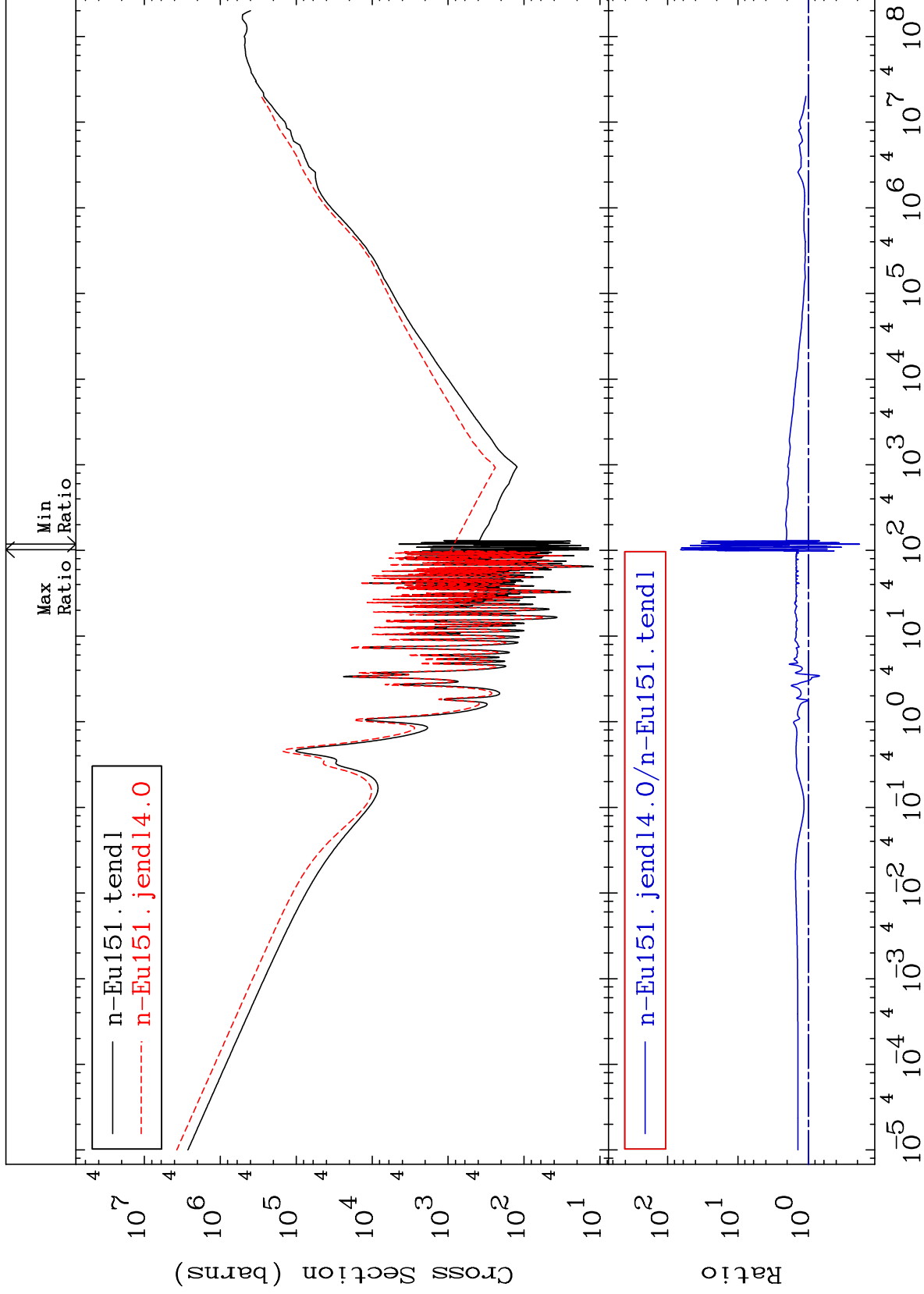
MAT 6325

Dpa total (eV-barns)

63-Eu-151

-81.35 To 6397. %

Cross Section



62

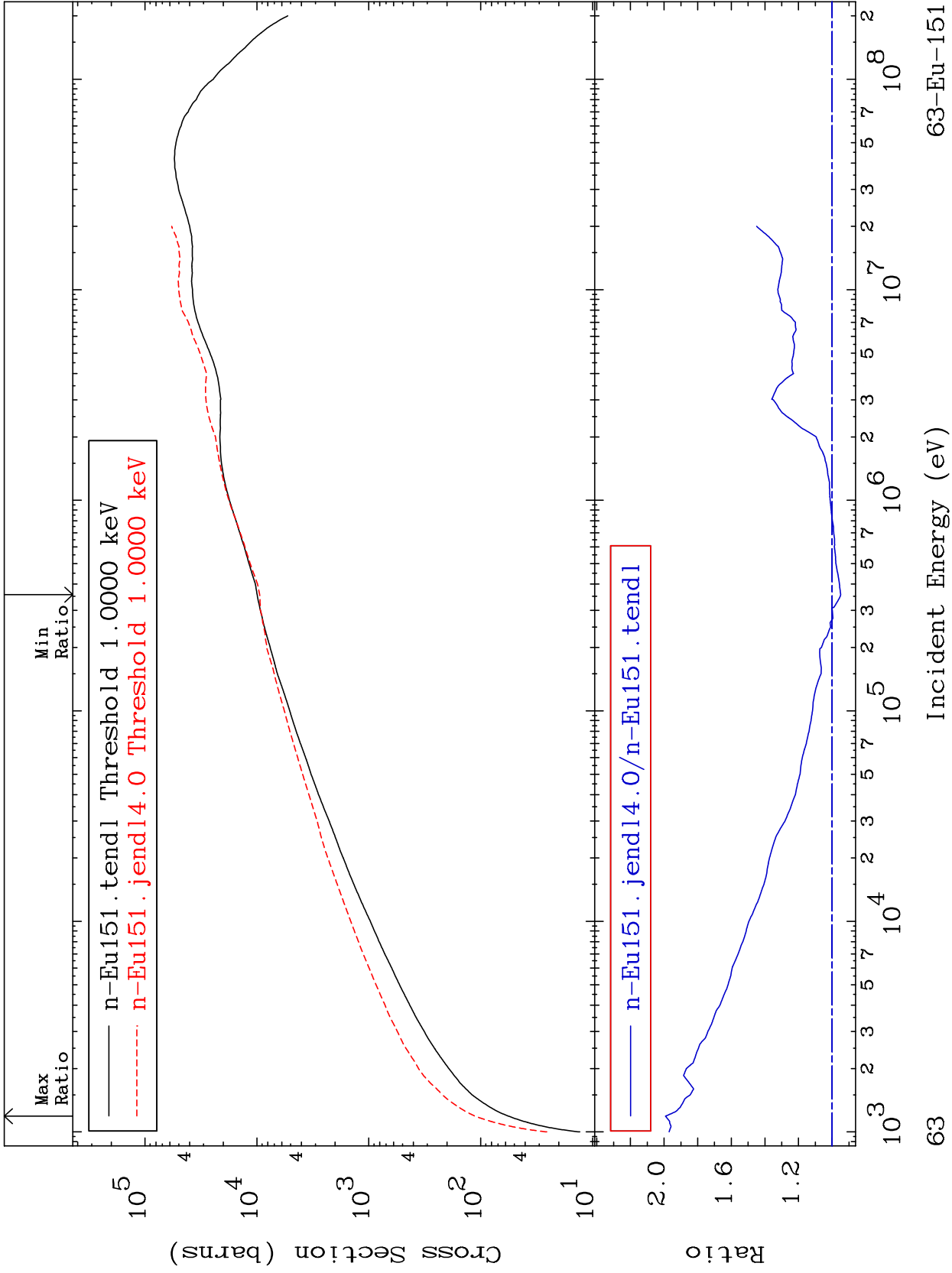
Incident Energy (eV)

63-Eu-151

MAT 6325

Dpa elastic (mt2)  
Cross Section

63-Eu-151  
-5.066 To 99.14 %



Cross Section

19.77 To 118.1 %

